O.I.P.E JC105
NOV 0 1 2004
PATENT & TRADEMARK OFFICE

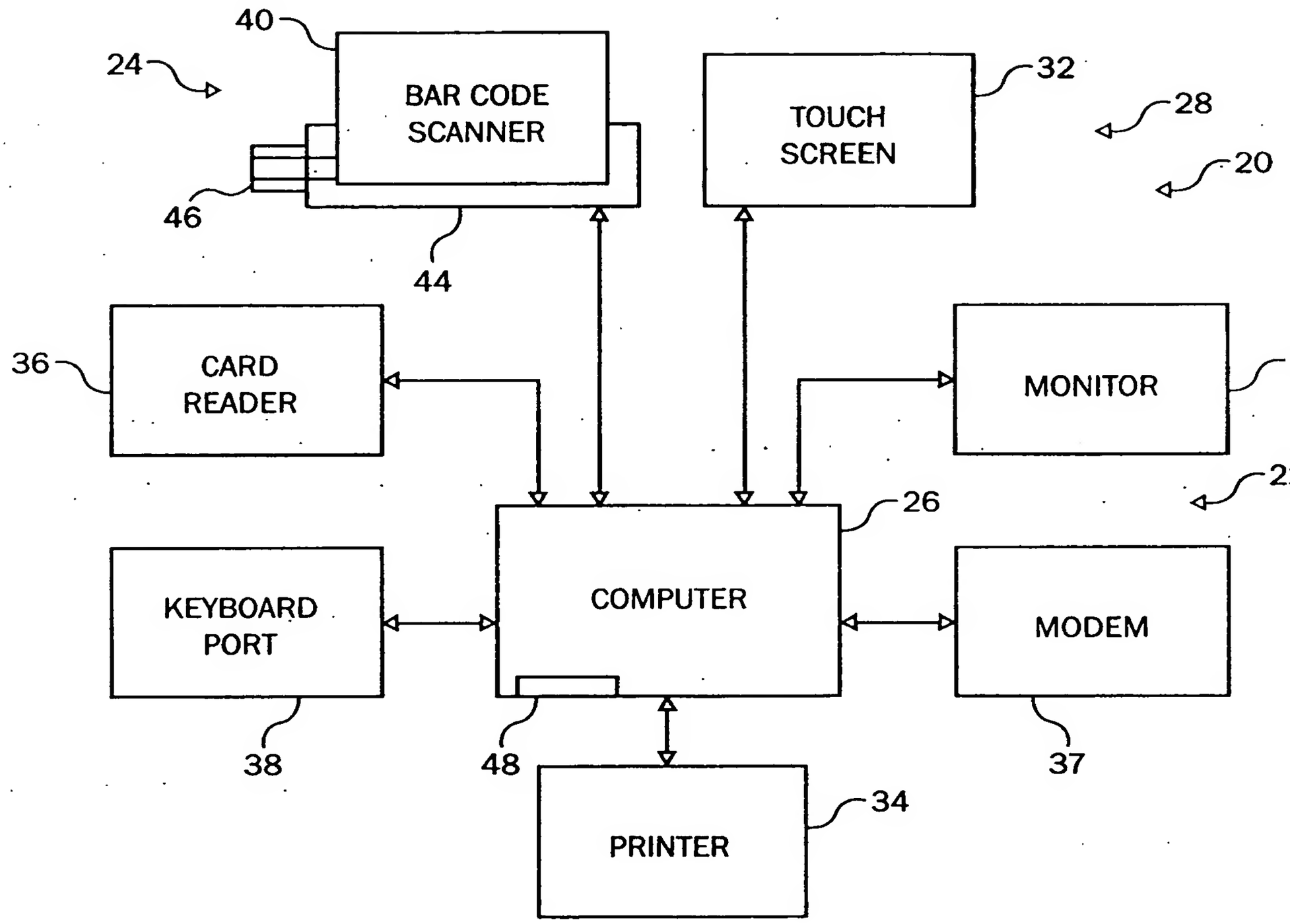


Fig. 1

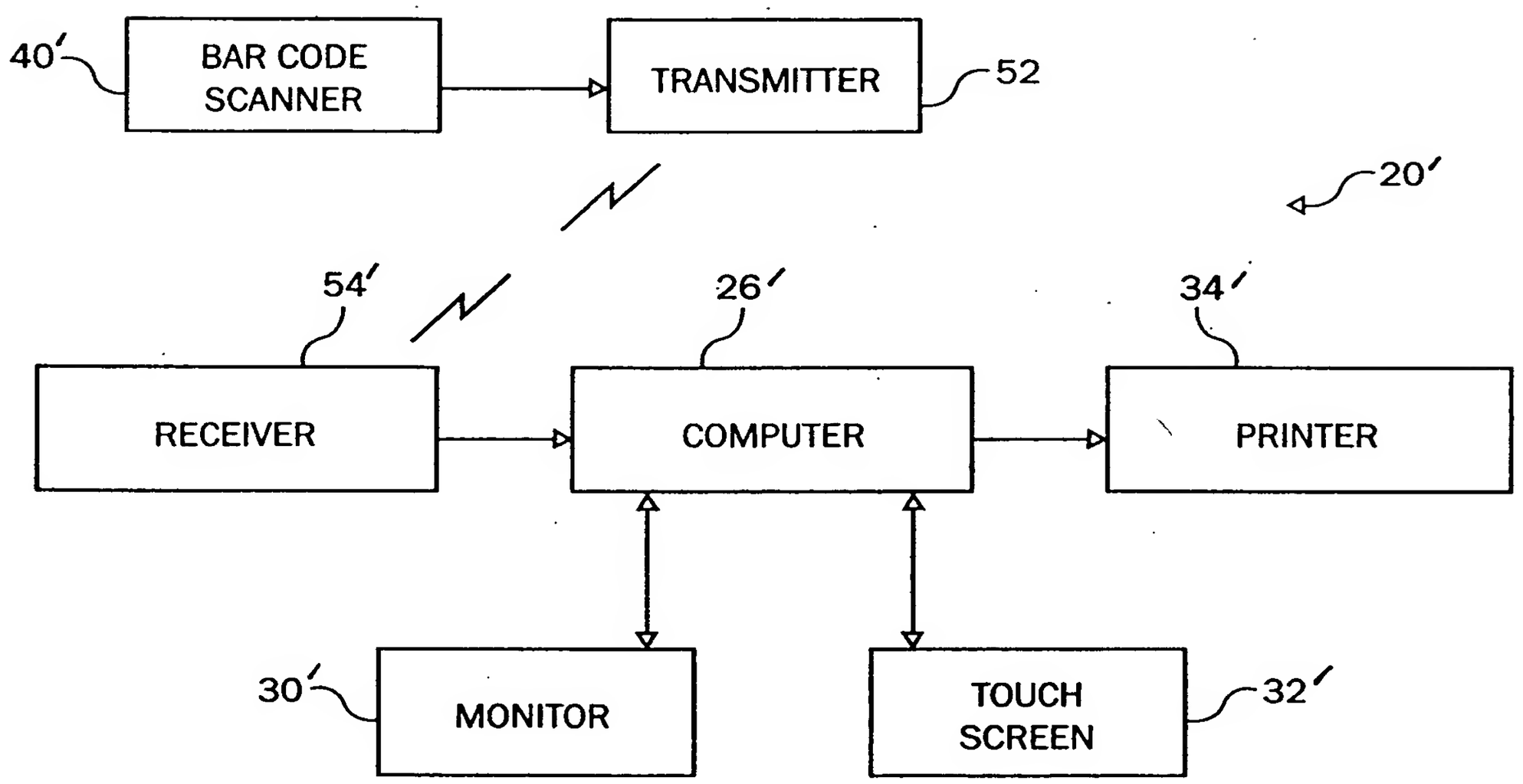

40'
BAR CODE SCANNER
TRANSMITTER
52
20'
54'
26'
34'
RECEIVER
COMPUTER
PRINTER
30'
MONITOR
TOUCH SCREEN
32'

Fig. 2

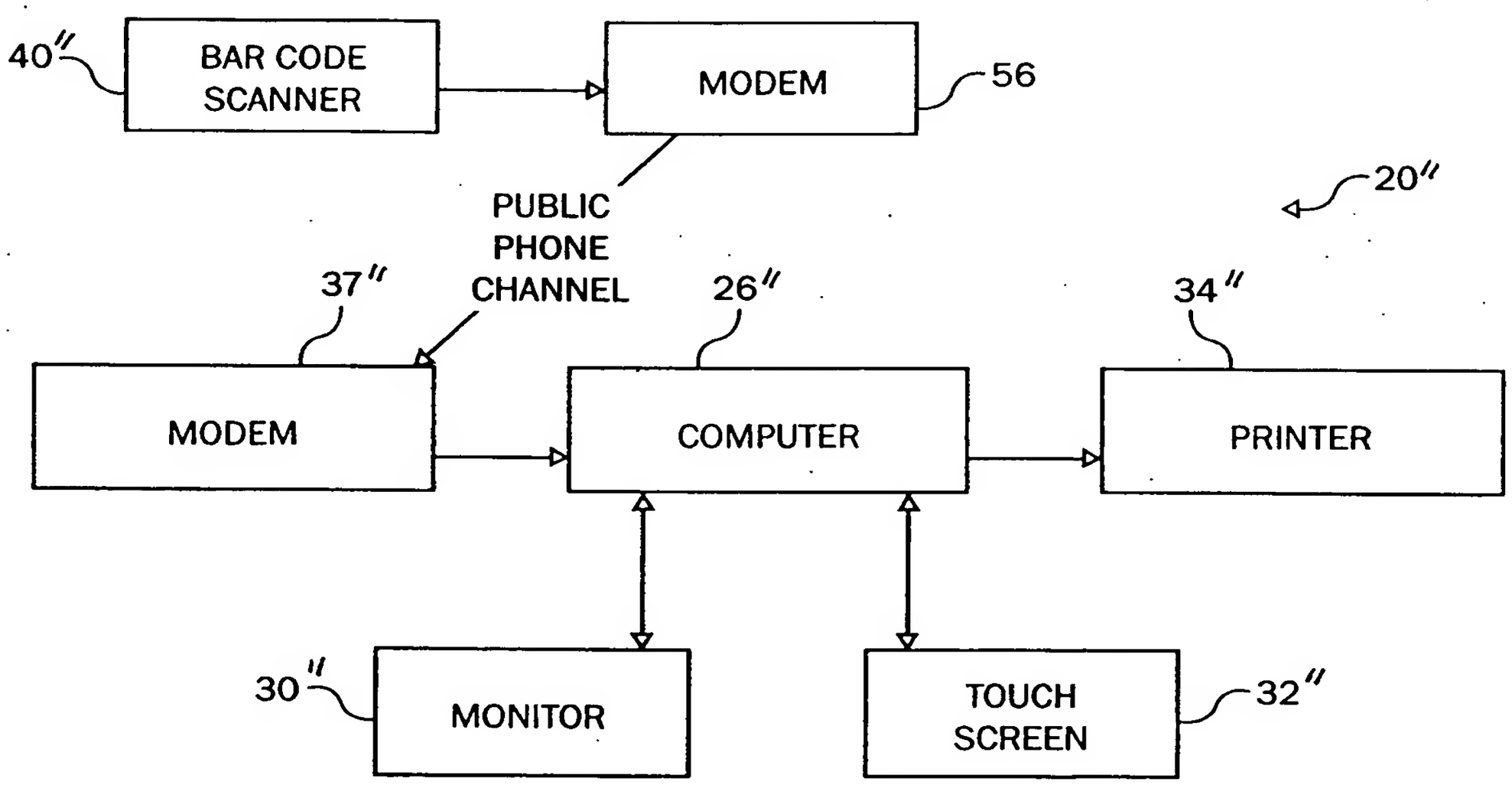

40"
BAR CODE SCANNER
MODEM
56
PUBLIC PHONE CHANNEL
20"
37"
26"
34"
MODEM
COMPUTER
PRINTER
30"
MONITOR
TOUCH SCREEN
32"

Fig. 3

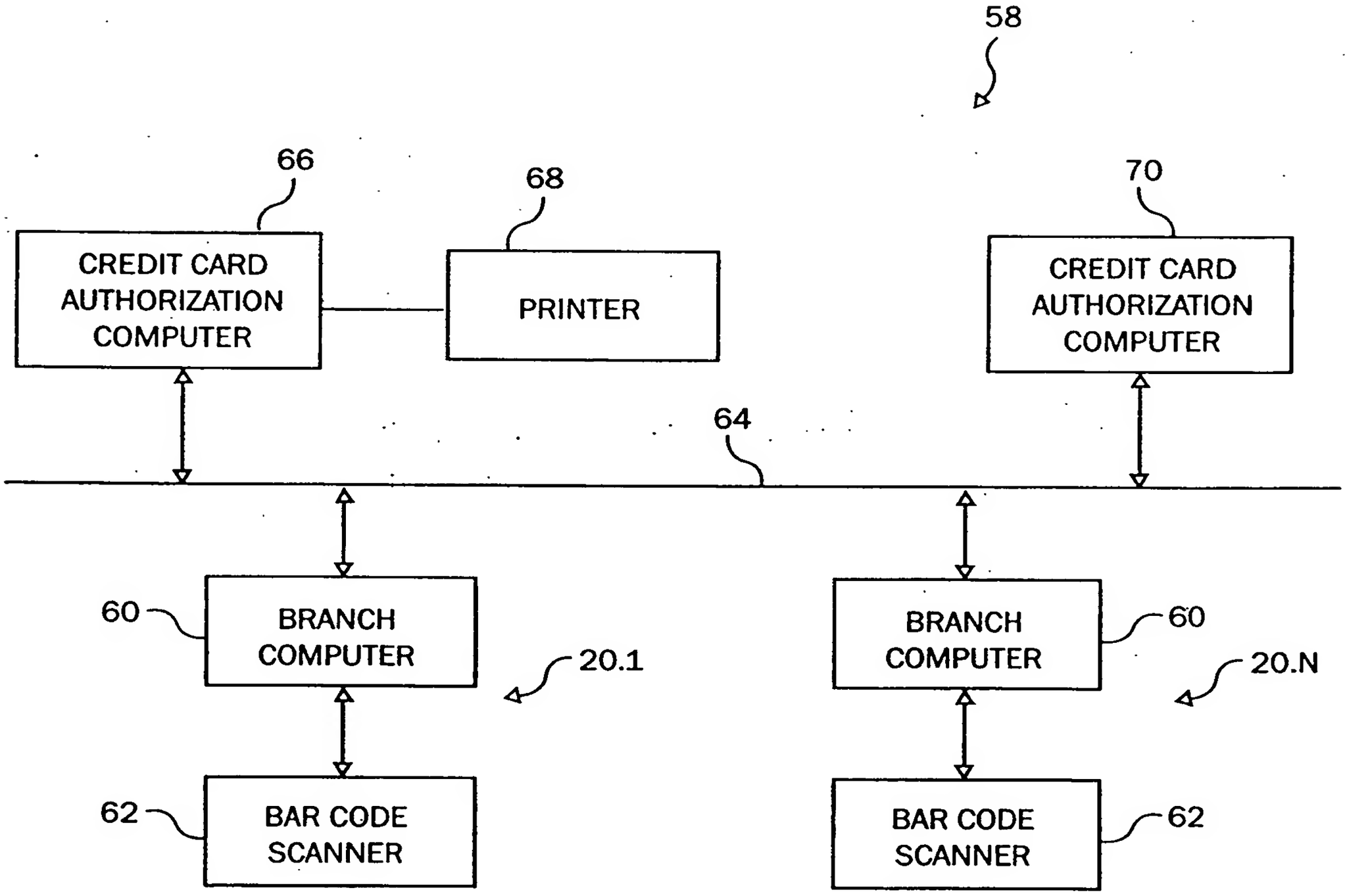

58
66
CREDIT CARD AUTHORIZATION COMPUTER
68
PRINTER
70
CREDIT CARD AUTHORIZATION COMPUTER
64
60
BRANCH COMPUTER
20.1
60
BRANCH COMPUTER
20.N
62
BAR CODE SCANNER
62
BAR CODE SCANNER

Fig. 4

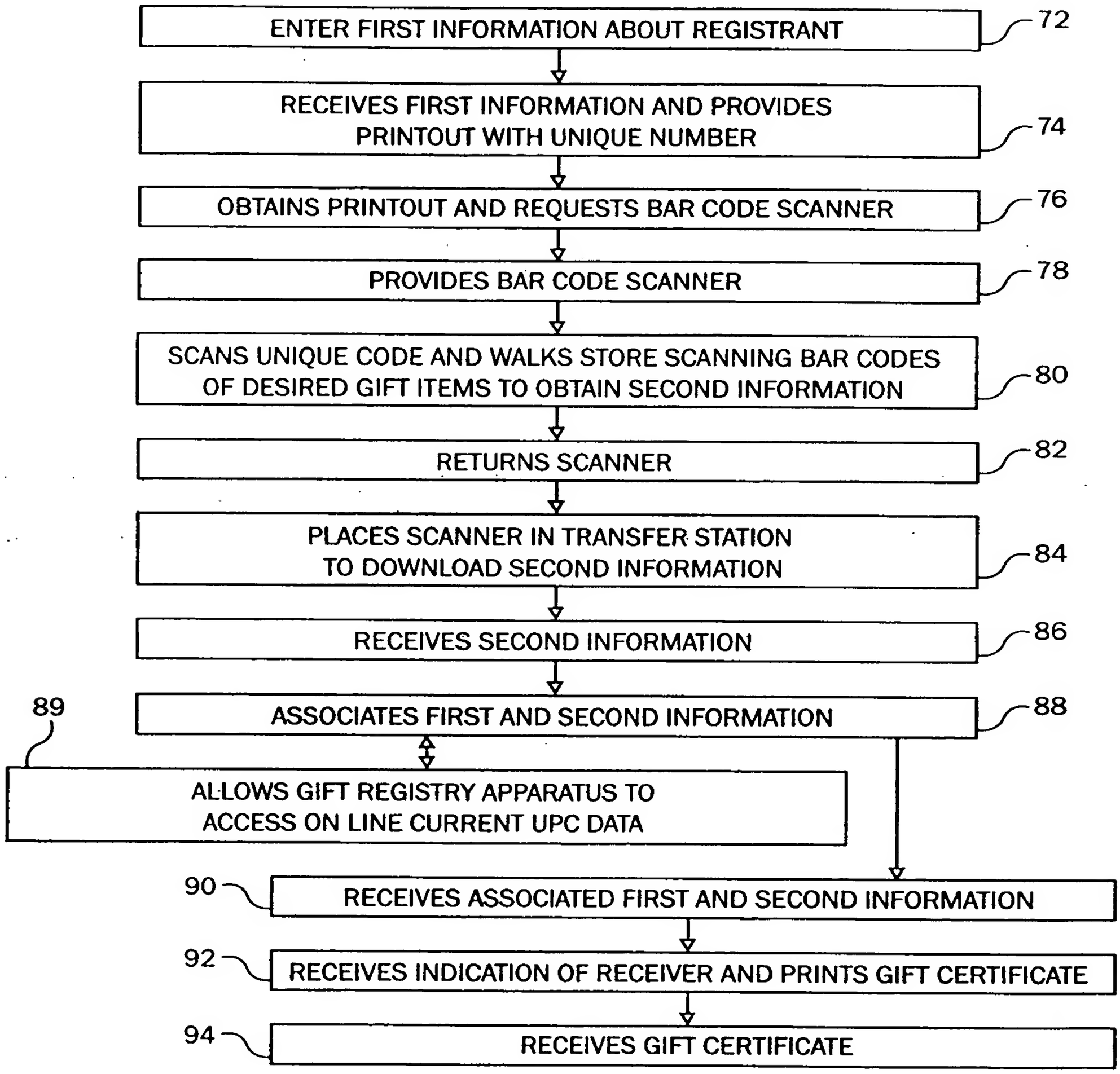

ENTER FIRST INFORMATION ABOUT REGISTRANT
72
RECEIVES FIRST INFORMATION AND PROVIDES PRINTOUT WITH UNIQUE NUMBER
74
OBTAINS PRINTOUT AND REQUESTS BAR CODE SCANNER
76
PROVIDES BAR CODE SCANNER
78
SCANS UNIQUE CODE AND WALKS STORE SCANNING BAR CODES OF DESIRED GIFT ITEMS TO OBTAIN SECOND INFORMATION
80
RETURNS SCANNER
82
PLACES SCANNER IN TRANSFER STATION TO DOWNLOAD SECOND INFORMATION
84
RECEIVES SECOND INFORMATION
86
ASSOCIATES FIRST AND SECOND INFORMATION
88
89
ALLOWS GIFT REGISTRY APPARATUS TO ACCESS ON LINE CURRENT UPC DATA
90
RECEIVES ASSOCIATED FIRST AND SECOND INFORMATION
92
RECEIVES INDICATION OF RECEIVER AND PRINTS GIFT CERTIFICATE
94
RECEIVES GIFT CERTIFICATE

Fig. 5

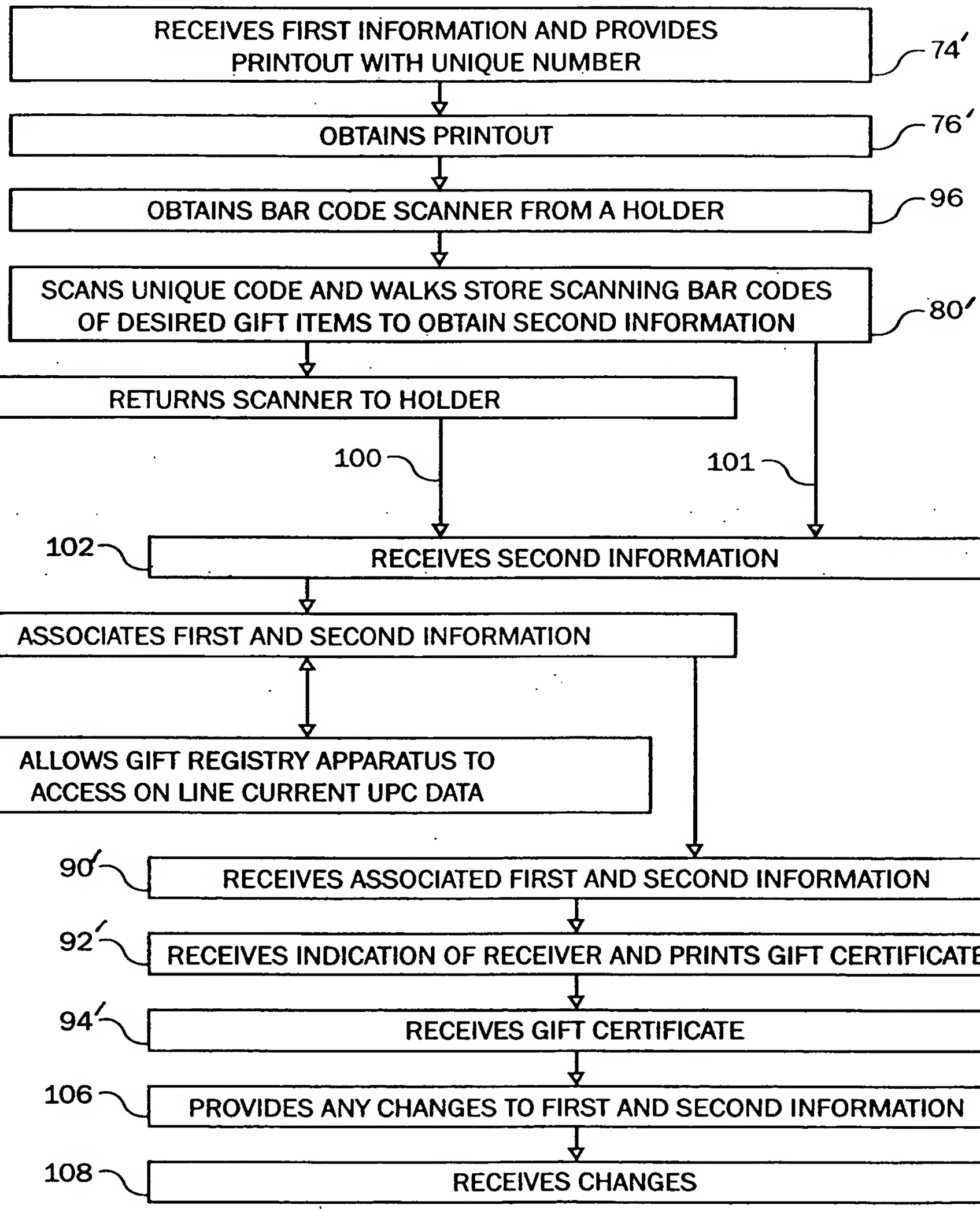

RECEIVES FIRST INFORMATION AND PROVIDES PRINTOUT WITH UNIQUE NUMBER
74'
OBTAINS PRINTOUT
76'
OBTAINS BAR CODE SCANNER FROM A HOLDER
96
SCANS UNIQUE CODE AND WALKS STORE SCANNING BAR CODES OF DESIRED GIFT ITEMS TO OBTAIN SECOND INFORMATION
80'
98
RETURNS SCANNER TO HOLDER
100
101
88'
102
RECEIVES SECOND INFORMATION
ASSOCIATES FIRST AND SECOND INFORMATION
104
ALLOWS GIFT REGISTRY APPARATUS TO ACCESS ON LINE CURRENT UPC DATA
90'
RECEIVES ASSOCIATED FIRST AND SECOND INFORMATION
92'
RECEIVES INDICATION OF RECEIVER AND PRINTS GIFT CERTIFICATE
94'
RECEIVES GIFT CERTIFICATE
106
PROVIDES ANY CHANGES TO FIRST AND SECOND INFORMATION
108
RECEIVES CHANGES

Fig. 6

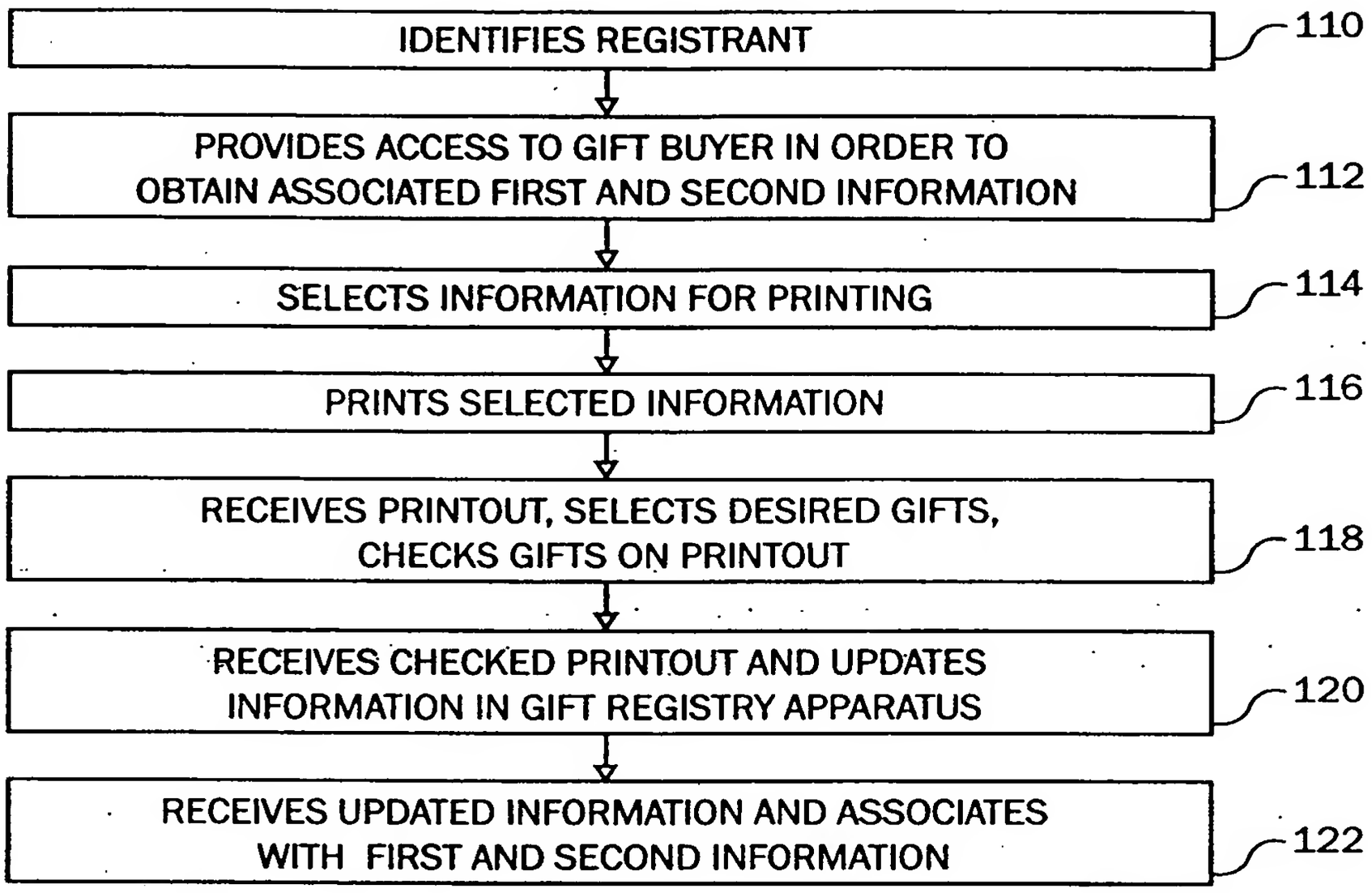

IDENTIFIES REGISTRANT
110
PROVIDES ACCESS TO GIFT BUYER IN ORDER TO OBTAIN ASSOCIATED FIRST AND SECOND INFORMATION
112
SELECTS INFORMATION FOR PRINTING
114
PRINTS SELECTED INFORMATION
116
RECEIVES PRINTOUT, SELECTS DESIRED GIFTS, CHECKS GIFTS ON PRINTOUT
118
RECEIVES CHECKED PRINTOUT AND UPDATES INFORMATION IN GIFT REGISTRY APPARATUS
120
RECEIVES UPDATED INFORMATION AND ASSOCIATES WITH FIRST AND SECOND INFORMATION
122

Fig. 7

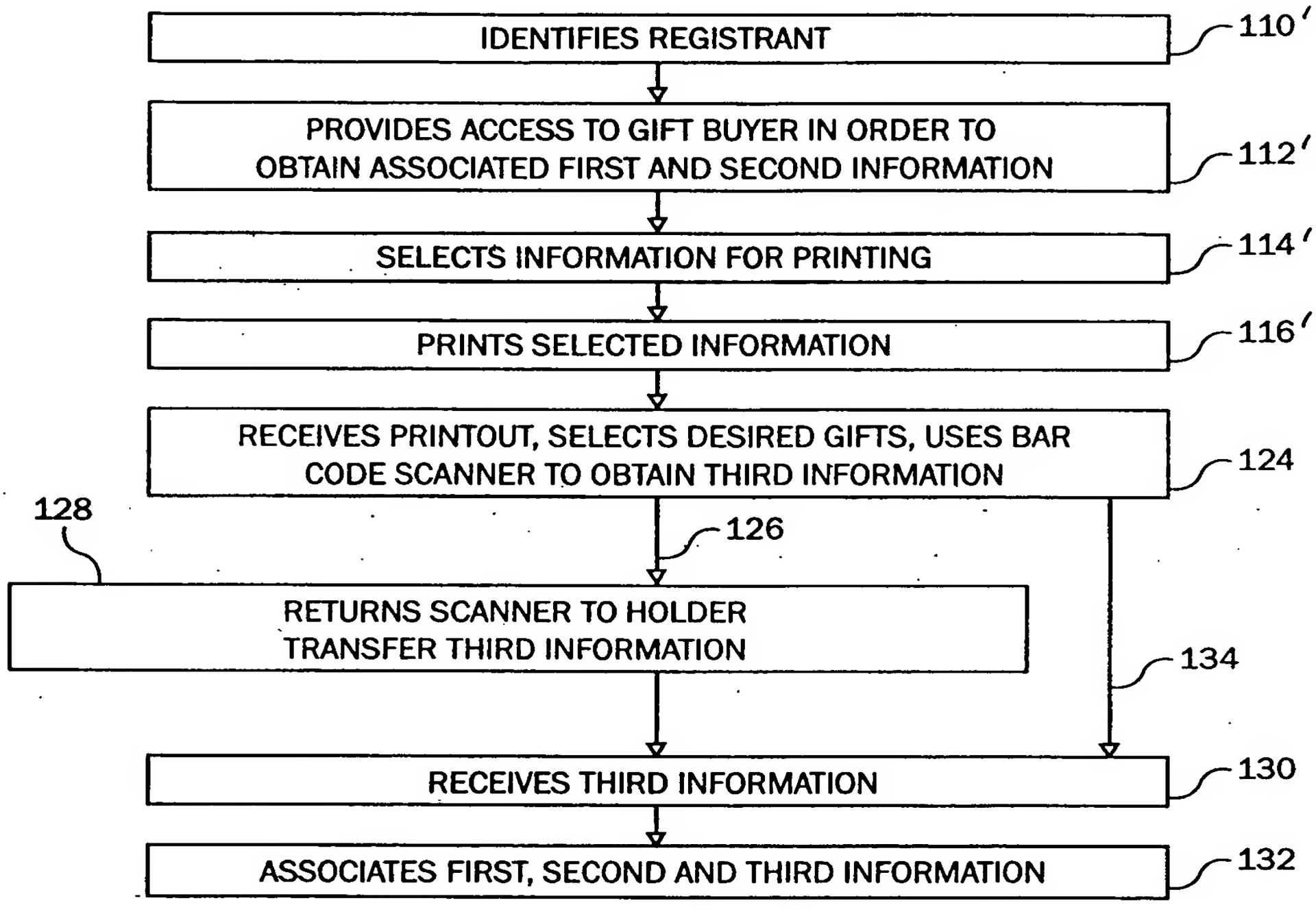
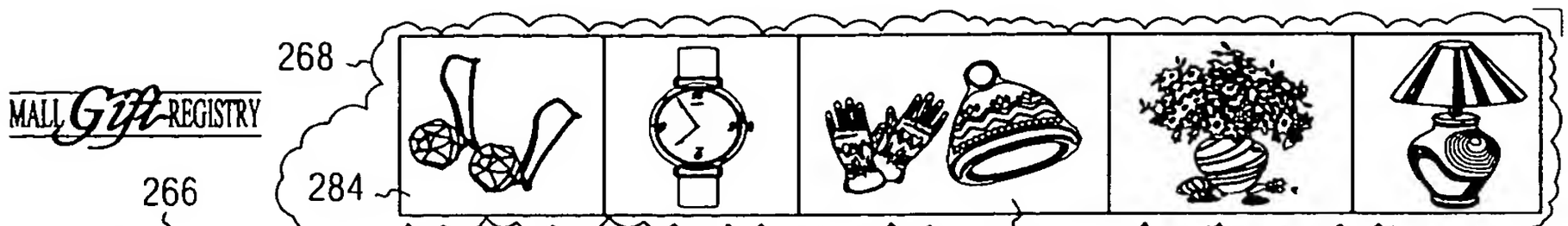

IDENTIFIES REGISTRANT
110'
PROVIDES ACCESS TO GIFT BUYER IN ORDER TO OBTAIN ASSOCIATED FIRST AND SECOND INFORMATION
112'
SELECTS INFORMATION FOR PRINTING
114'
PRINTS SELECTED INFORMATION
116'
RECEIVES PRINTOUT, SELECTS DESIRED GIFTS, USES BAR CODE SCANNER TO OBTAIN THIRD INFORMATION
124
128
126
RETURNS SCANNER TO HOLDER TRANSFER THIRD INFORMATION
134
RECEIVES THIRD INFORMATION
130
ASSOCIATES FIRST, SECOND AND THIRD INFORMATION
132

Fig. 8



GIFT ITEM/PREFERENCE	ITEM CODE	GIFT STATUS WANT	RECEIVED	# PURCHASED	PRICE/NOTES
292	294		296		298
344 ~April Cornell		346	348	350	
MORNINGSTAR BABY ROCKER ~ 340	342 ~11244521	1	0	____	$299 ~ 352
INFANT OUTFIT STYLE #1543	21394191	1	0	____	$39
pottery barn kids					
MIKASA BABY DISHES BLUE	44215671	8	4	____	$14
SUMMER STYLE BABY PLACEMATS	21888191	1	0	____	$79/SEASONAL
KIDDIE HIGH CHAIR (F)	81293112	1	0	____ (G)	REG. $80, ON SALE FOR $60 UNTIL MAY 21
ART RESOURCES GALLERY					
ART BY ENG TAY OR KI KAI, ETCHING OR ACRYLIC (E)	PREFERENCE (A)	1	0	____ (B)	LIMITED AVAIL. ~ 354
Scandia Down					
QUILT BY PALAIS ROYAL, CREAM OR GRAY, QUEEN SIZE, WITH RUFFLES (D)	PREFERENCE (A)	1	0	____ (C)	CUSTOM ORDER
THROW PILLOWS BY SHABBY CHIC, 24X24, FLORAL PRINTS ONLY	PREFERENCE (A)	4	0	____	EST. $35

Fig. 9

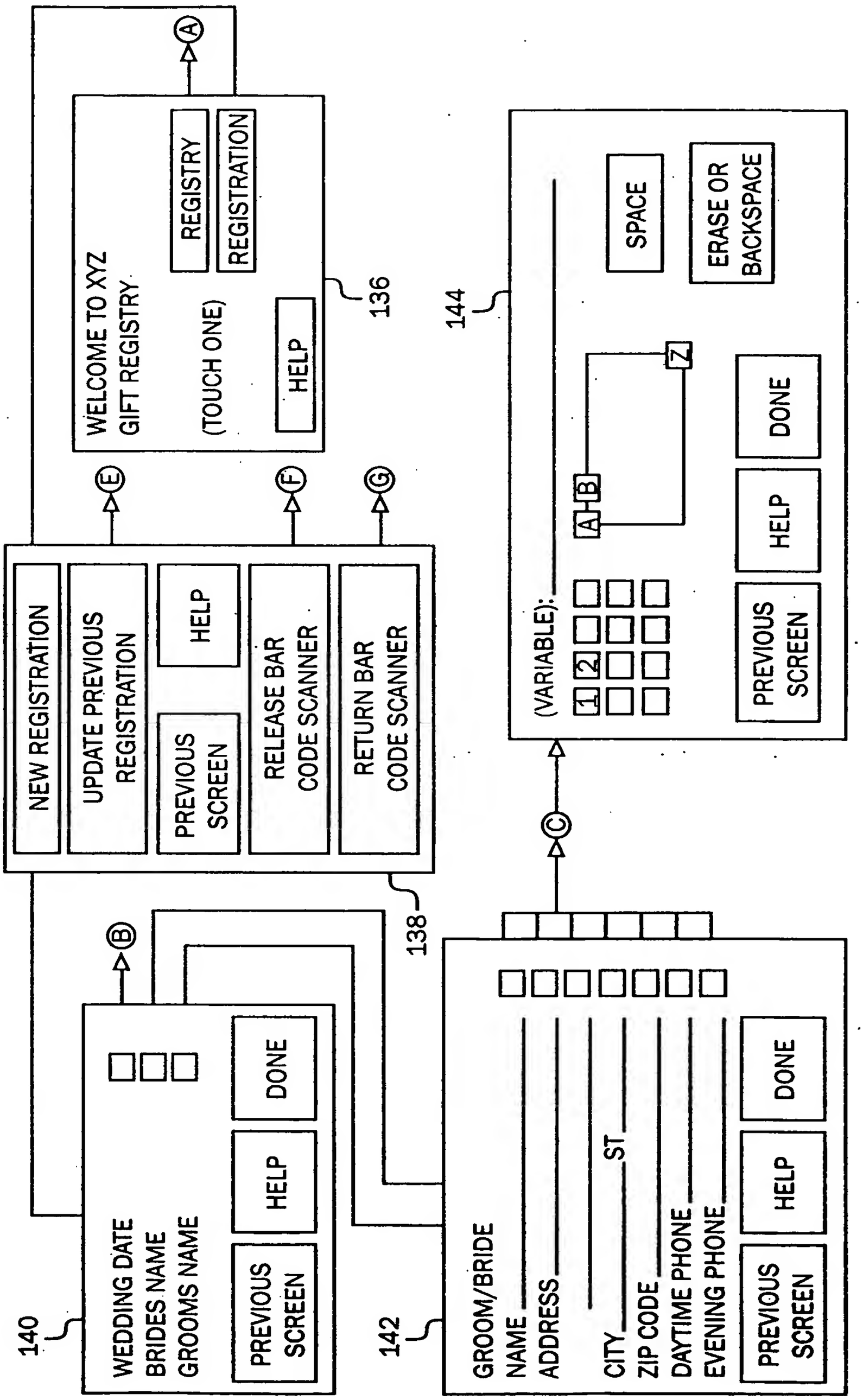

WELCOME TO XYZ GIFT REGISTRY
(TOUCH ONE)
REGISTRY
REGISTRATION
HELP
136
A
E
F
G
NEW REGISTRATION
UPDATE PREVIOUS REGISTRATION
HELP
PREVIOUS SCREEN
RELEASE BAR CODE SCANNER
RETURN BAR CODE SCANNER
138
B
140
WEDDING DATE
BRIDES NAME
GROOMS NAME
PREVIOUS SCREEN
HELP
DONE
144
SPACE
ERASE OR BACKSPACE
Z
A B
(VARIABLE):
1 2
PREVIOUS SCREEN
HELP
DONE
C
142
GROOM/BRIDE
NAME
ADDRESS
CITY ST
ZIP CODE
DAYTIME PHONE
EVENING PHONE
PREVIOUS SCREEN
HELP
DONE

Fig. 10A

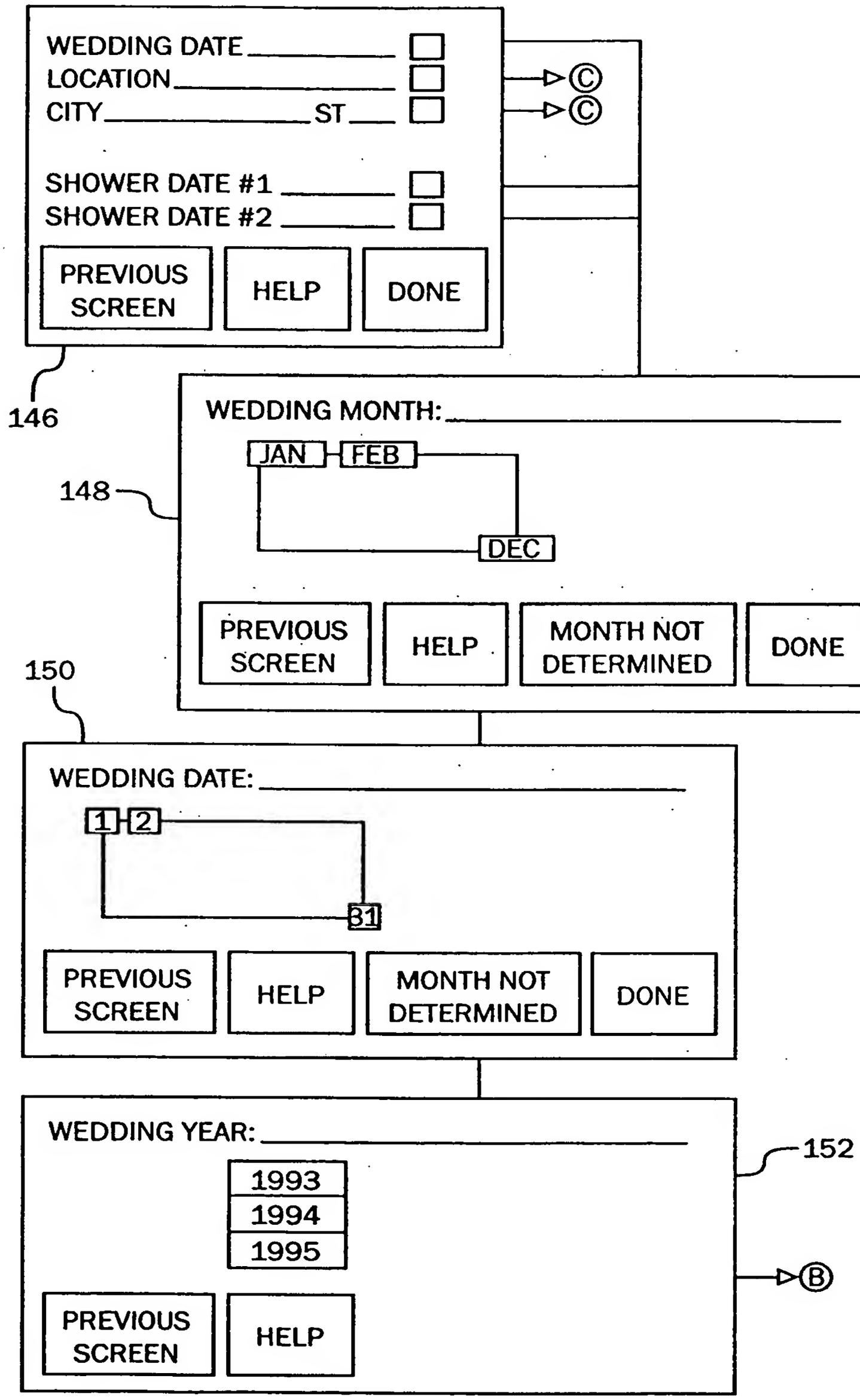

WEDDING DATE
LOCATION
CITY
ST
SHOWER DATE #1
SHOWER DATE #2
PREVIOUS SCREEN
HELP
DONE
C
C
146
WEDDING MONTH:
148
JAN
FEB
DEC
PREVIOUS SCREEN
HELP
MONTH NOT DETERMINED
DONE
150
WEDDING DATE:
1
2
31
PREVIOUS SCREEN
HELP
MONTH NOT DETERMINED
DONE
WEDDING YEAR:
1993
1994
1995
PREVIOUS SCREEN
HELP
152
B

Fig. 10B

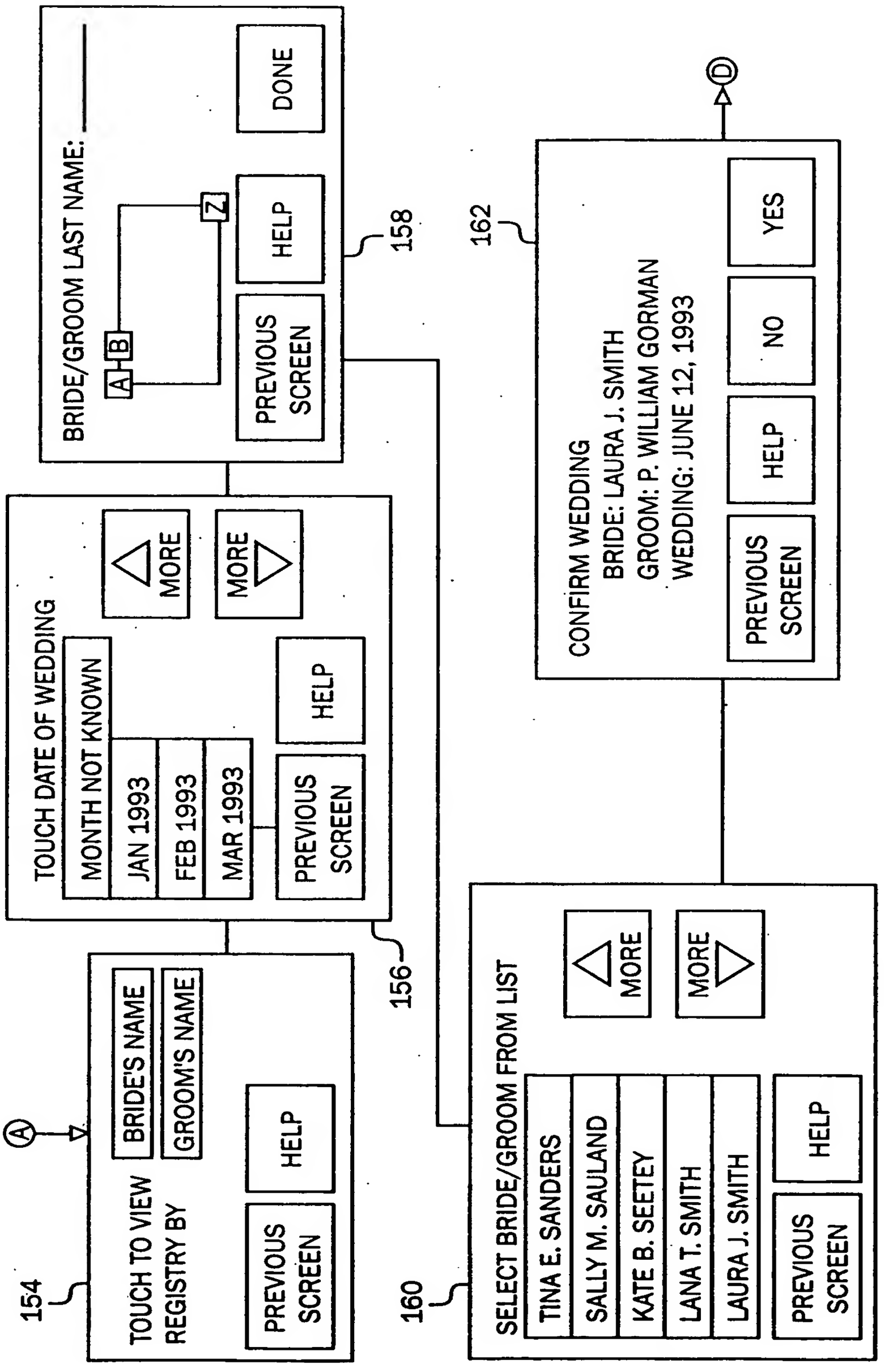

BRIDE/GROOM LAST NAME:
DONE
HELP
PREVIOUS SCREEN
158
A
B
Z
TOUCH DATE OF WEDDING
MONTH NOT KNOWN
JAN 1993
FEB 1993
MAR 1993
MORE
MORE
HELP
PREVIOUS SCREEN
TOUCH TO VIEW REGISTRY BY
BRIDE'S NAME
GROOM'S NAME
HELP
PREVIOUS SCREEN
154
156
160
SELECT BRIDE/GROOM FROM LIST
TINA E. SANDERS
SALLY M. SAULAND
KATE B. SEETEY
LANA T. SMITH
LAURA J. SMITH
MORE
MORE
HELP
PREVIOUS SCREEN
CONFIRM WEDDING
BRIDE: LAURA J. SMITH
GROOM: P. WILLIAM GORMAN
WEDDING: JUNE 12, 1993
YES
NO
HELP
PREVIOUS SCREEN
162
A
D

Fig. 10C

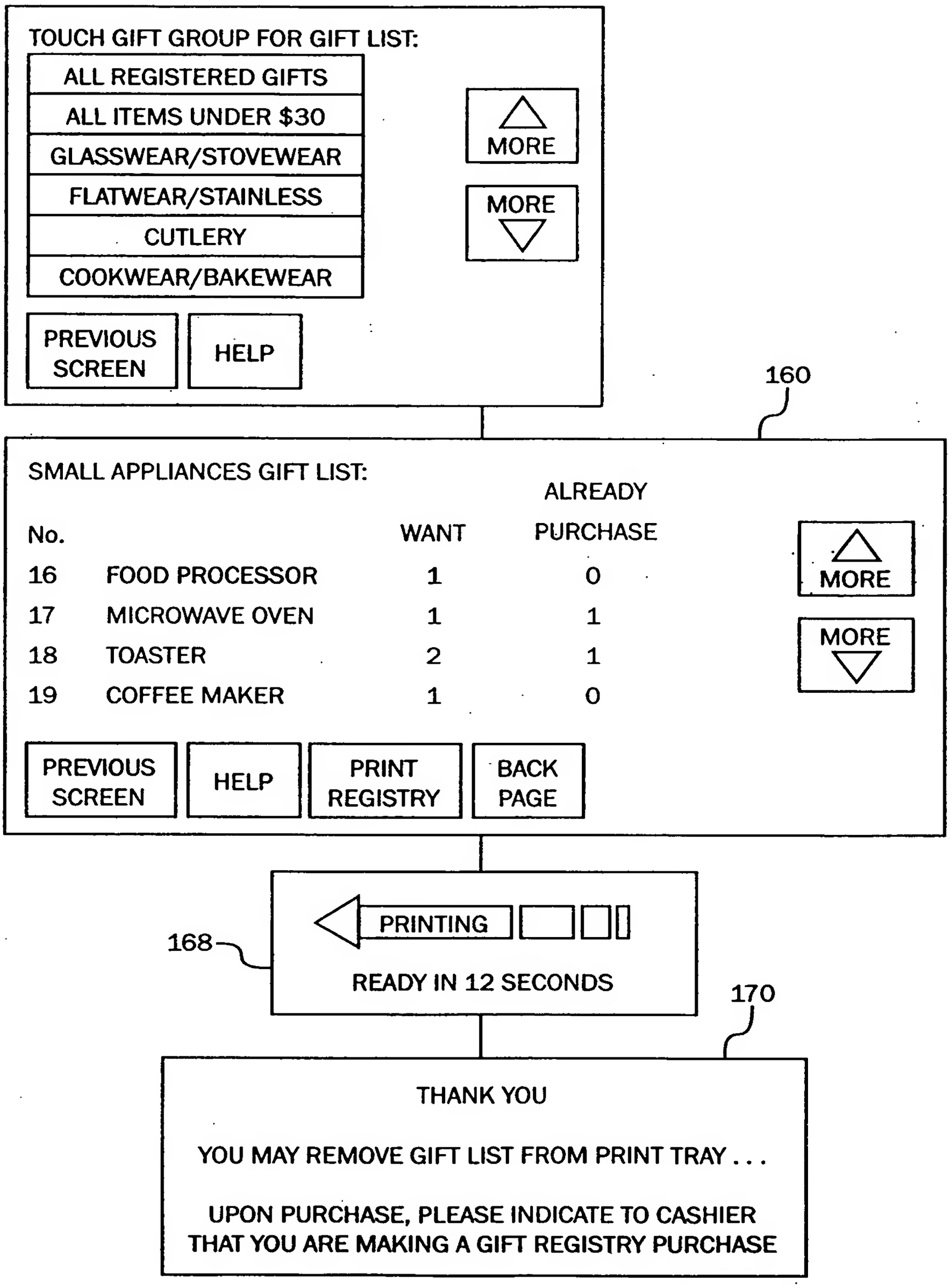

TOUCH GIFT GROUP FOR GIFT LIST:
ALL REGISTERED GIFTS
ALL ITEMS UNDER $30
GLASSWEAR/STOVEWEAR
FLATWEAR/STAINLESS
CUTLERY
COOKWEAR/BAKEWEAR
MORE
MORE
PREVIOUS SCREEN
HELP
160
SMALL APPLIANCES GIFT LIST:
No.
WANT
ALREADY PURCHASE
16 FOOD PROCESSOR 1 0
17 MICROWAVE OVEN 1 1
18 TOASTER 2 1
19 COFFEE MAKER 1 0
MORE
MORE
PREVIOUS SCREEN
HELP
PRINT REGISTRY
BACK PAGE
168
PRINTING
READY IN 12 SECONDS
170
THANK YOU
YOU MAY REMOVE GIFT LIST FROM PRINT TRAY . . .
UPON PURCHASE, PLEASE INDICATE TO CASHIER THAT YOU ARE MAKING A GIFT REGISTRY PURCHASE

Fig. 10D

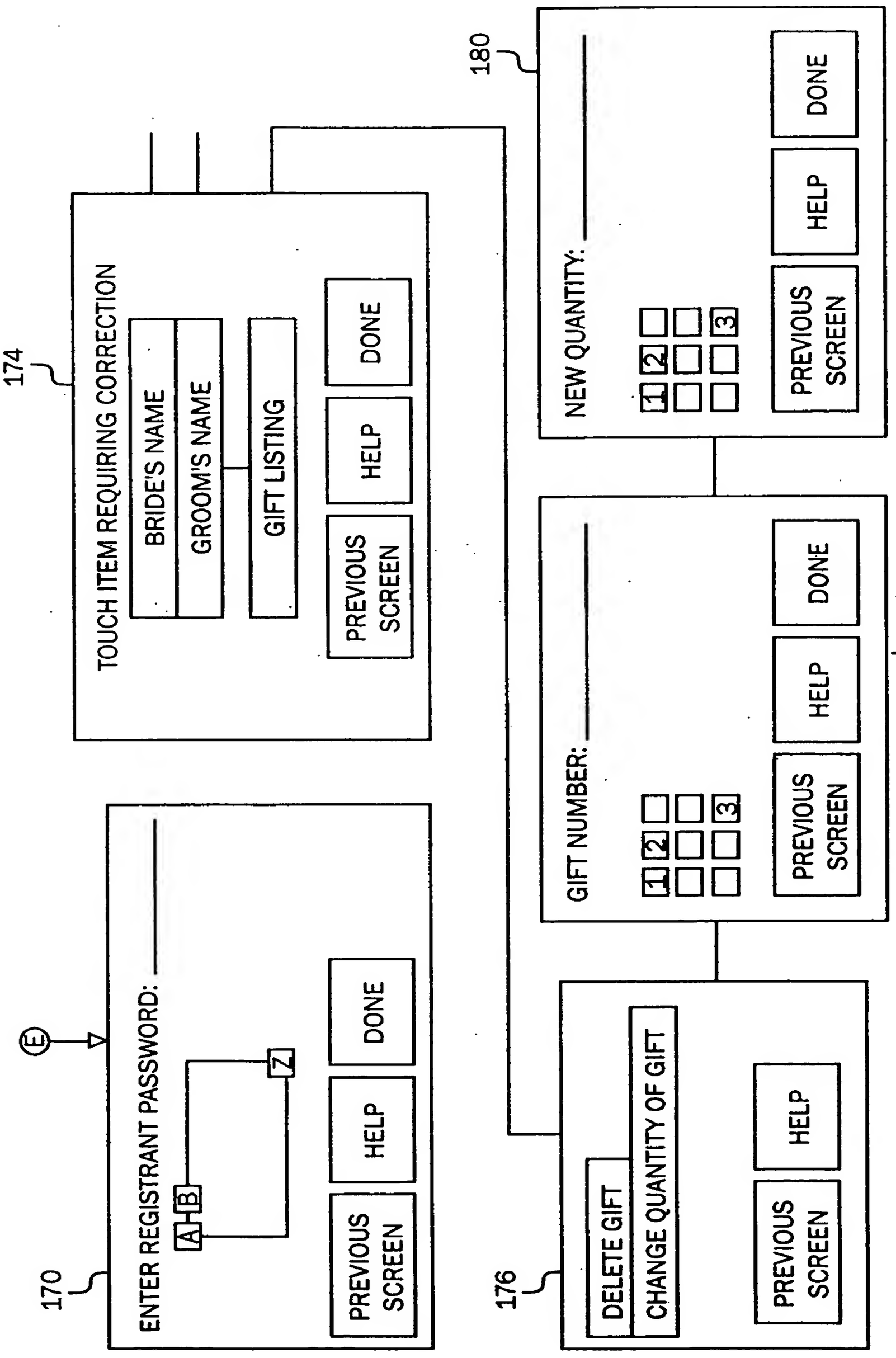

170
ENTER REGISTRANT PASSWORD:
A
B
Z
PREVIOUS SCREEN
HELP
DONE
E
174
TOUCH ITEM REQUIRING CORRECTION
BRIDE'S NAME
GROOM'S NAME
GIFT LISTING
PREVIOUS SCREEN
HELP
DONE
176
DELETE GIFT
CHANGE QUANTITY OF GIFT
PREVIOUS SCREEN
HELP
178
GIFT NUMBER:
1 2 3
PREVIOUS SCREEN
HELP
DONE
180
NEW QUANTITY:
1 2 3
PREVIOUS SCREEN
HELP
DONE

Fig. 10E

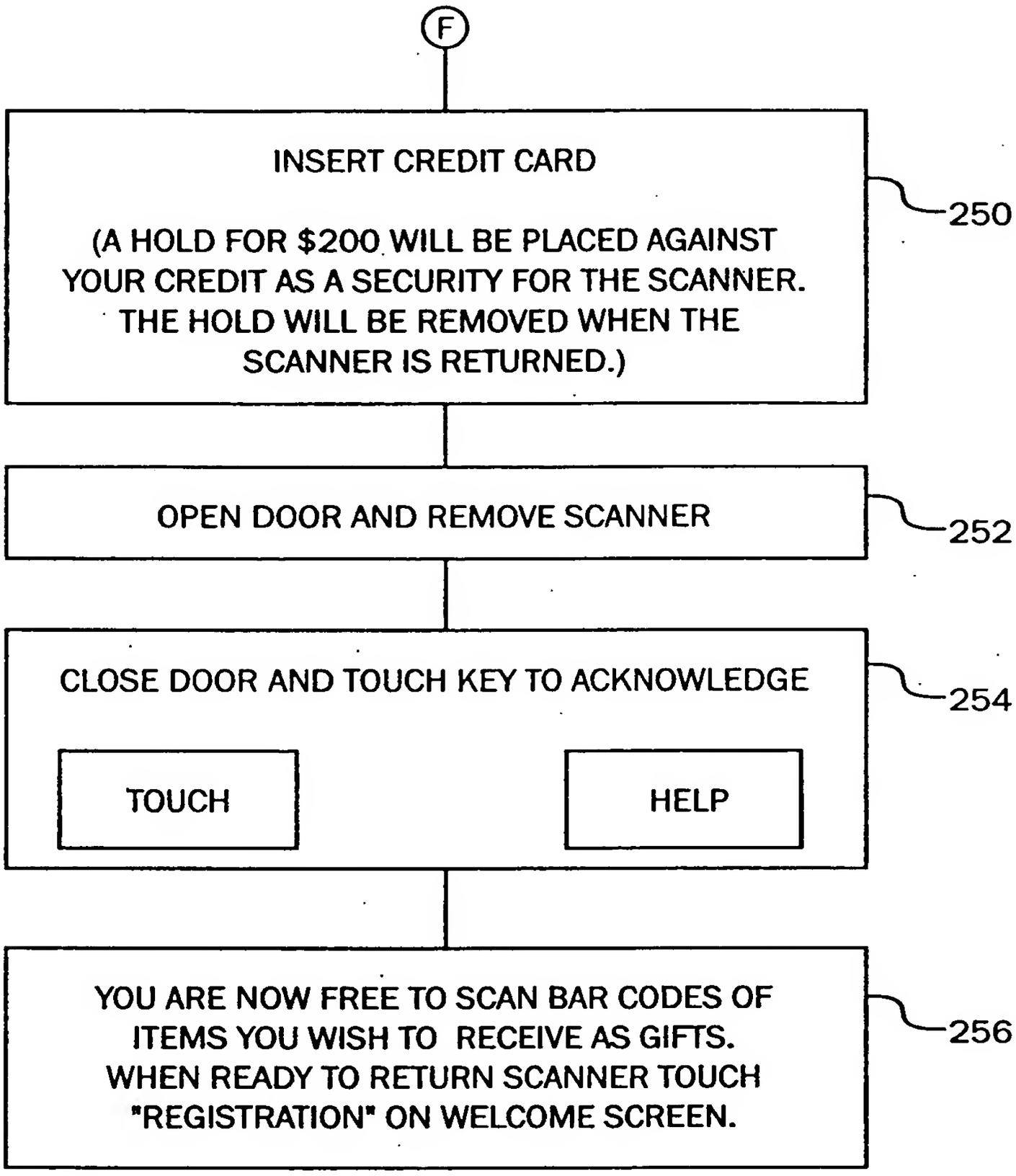

F
INSERT CREDIT CARD
(A HOLD FOR $200 WILL BE PLACED AGAINST YOUR CREDIT AS A SECURITY FOR THE SCANNER. THE HOLD WILL BE REMOVED WHEN THE SCANNER IS RETURNED.)
250
OPEN DOOR AND REMOVE SCANNER
252
CLOSE DOOR AND TOUCH KEY TO ACKNOWLEDGE
TOUCH
HELP
254
YOU ARE NOW FREE TO SCAN BAR CODES OF ITEMS YOU WISH TO RECEIVE AS GIFTS. WHEN READY TO RETURN SCANNER TOUCH "REGISTRATION" ON WELCOME SCREEN.
256

Fig. 10F

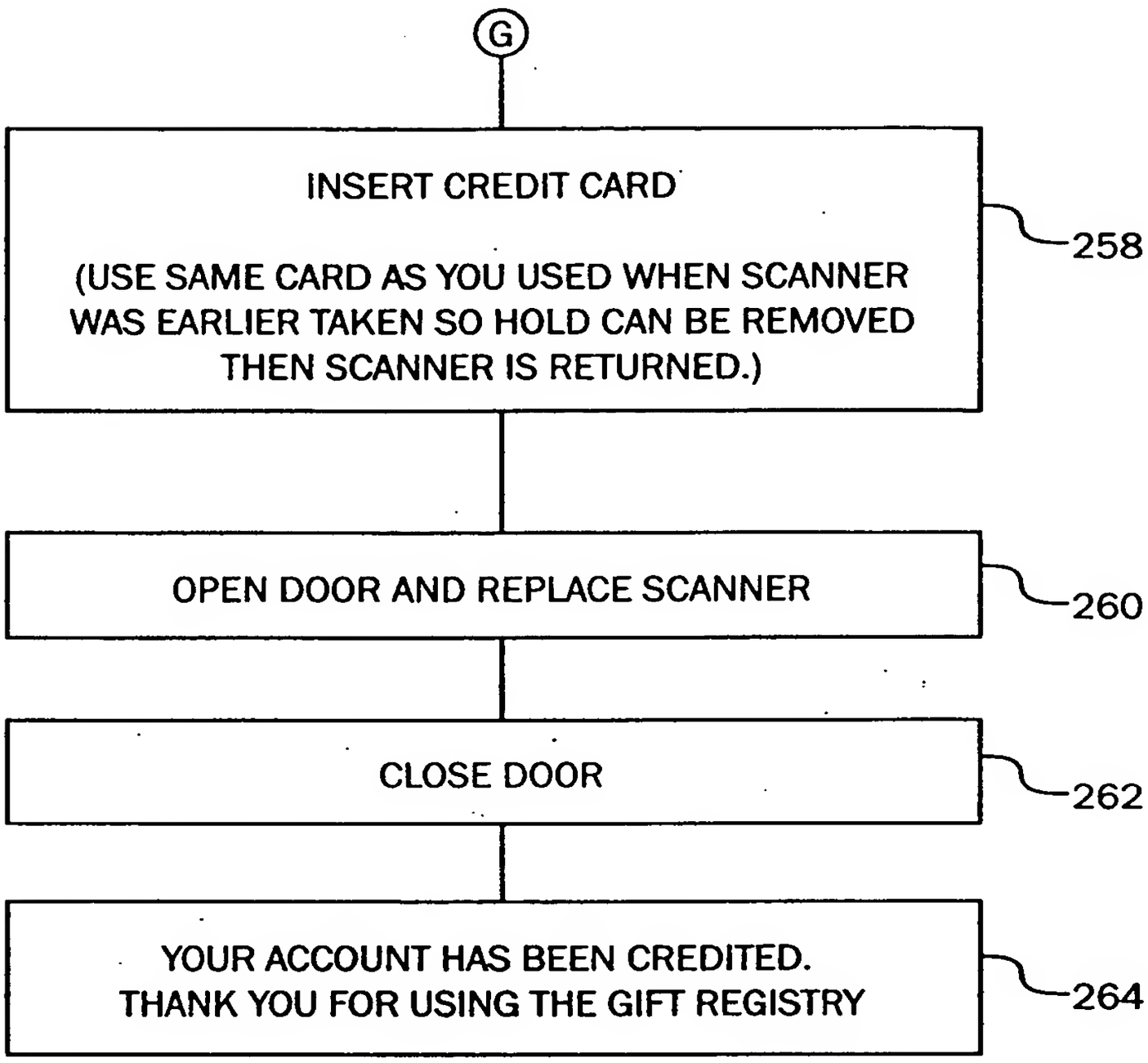

G
INSERT CREDIT CARD
(USE SAME CARD AS YOU USED WHEN SCANNER WAS EARLIER TAKEN SO HOLD CAN BE REMOVED THEN SCANNER IS RETURNED.)
258
OPEN DOOR AND REPLACE SCANNER
260
CLOSE DOOR
262
YOUR ACCOUNT HAS BEEN CREDITED.
THANK YOU FOR USING THE GIFT REGISTRY
264

Fig. 10G

17/39

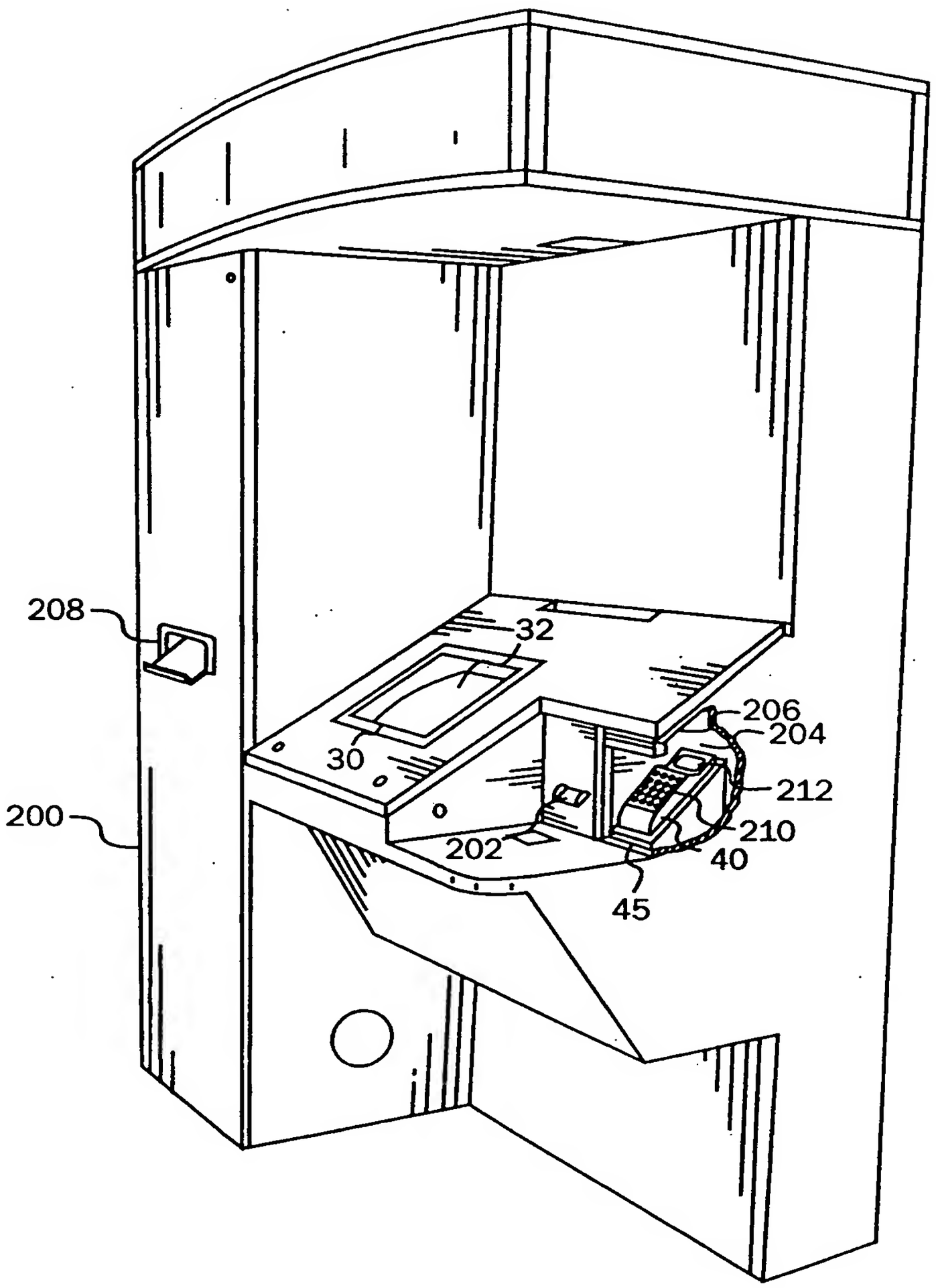


Fig. 11

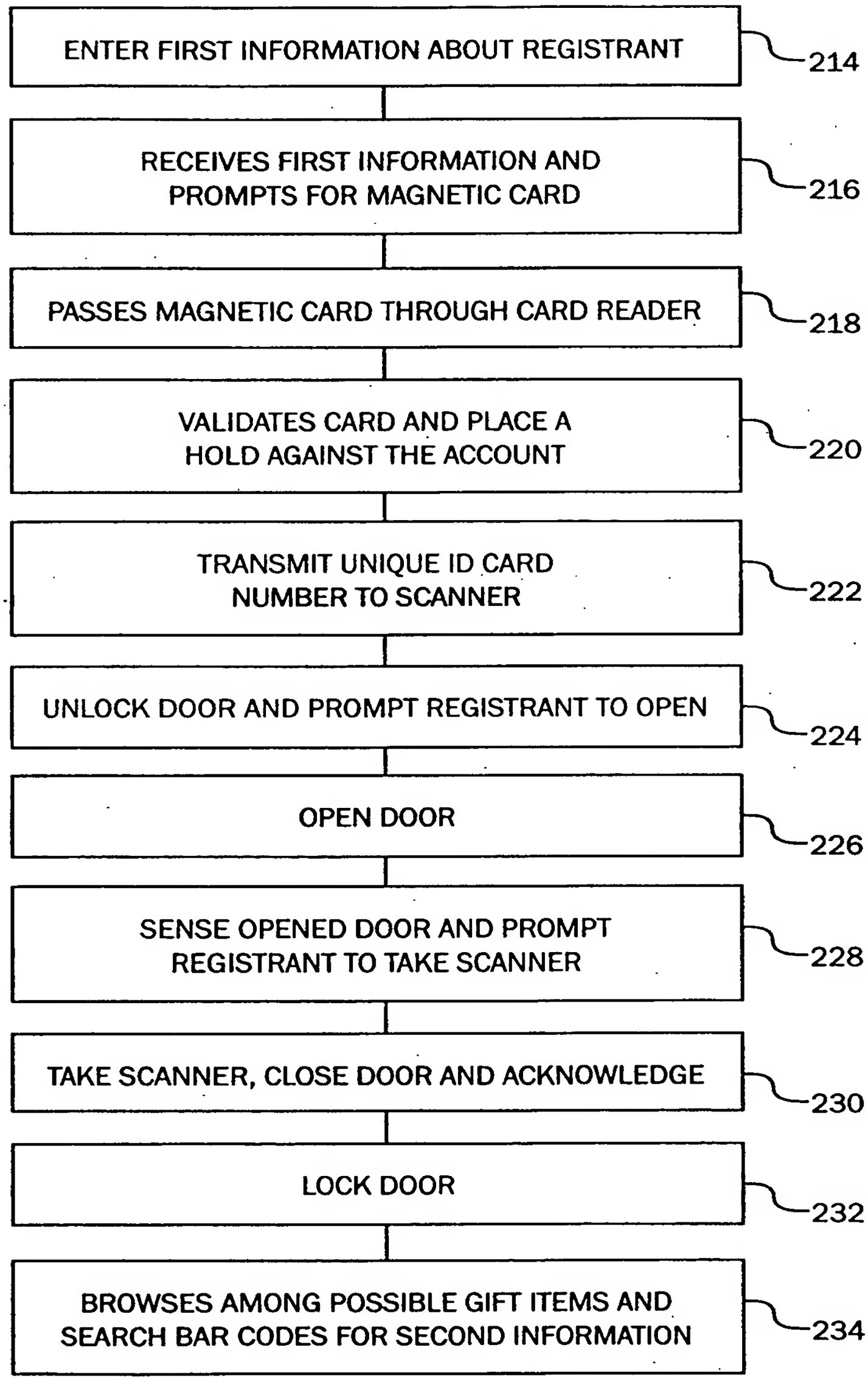

ENTER FIRST INFORMATION ABOUT REGISTRANT
214
RECEIVES FIRST INFORMATION AND PROMPTS FOR MAGNETIC CARD
216
PASSES MAGNETIC CARD THROUGH CARD READER
218
VALIDATES CARD AND PLACE A HOLD AGAINST THE ACCOUNT
220
TRANSMIT UNIQUE ID CARD NUMBER TO SCANNER
222
UNLOCK DOOR AND PROMPT REGISTRANT TO OPEN
224
OPEN DOOR
226
SENSE OPENED DOOR AND PROMPT REGISTRANT TO TAKE SCANNER
228
TAKE SCANNER, CLOSE DOOR AND ACKNOWLEDGE
230
LOCK DOOR
232
BROWSES AMONG POSSIBLE GIFT ITEMS AND SEARCH BAR CODES FOR SECOND INFORMATION
234

Fig. 12A

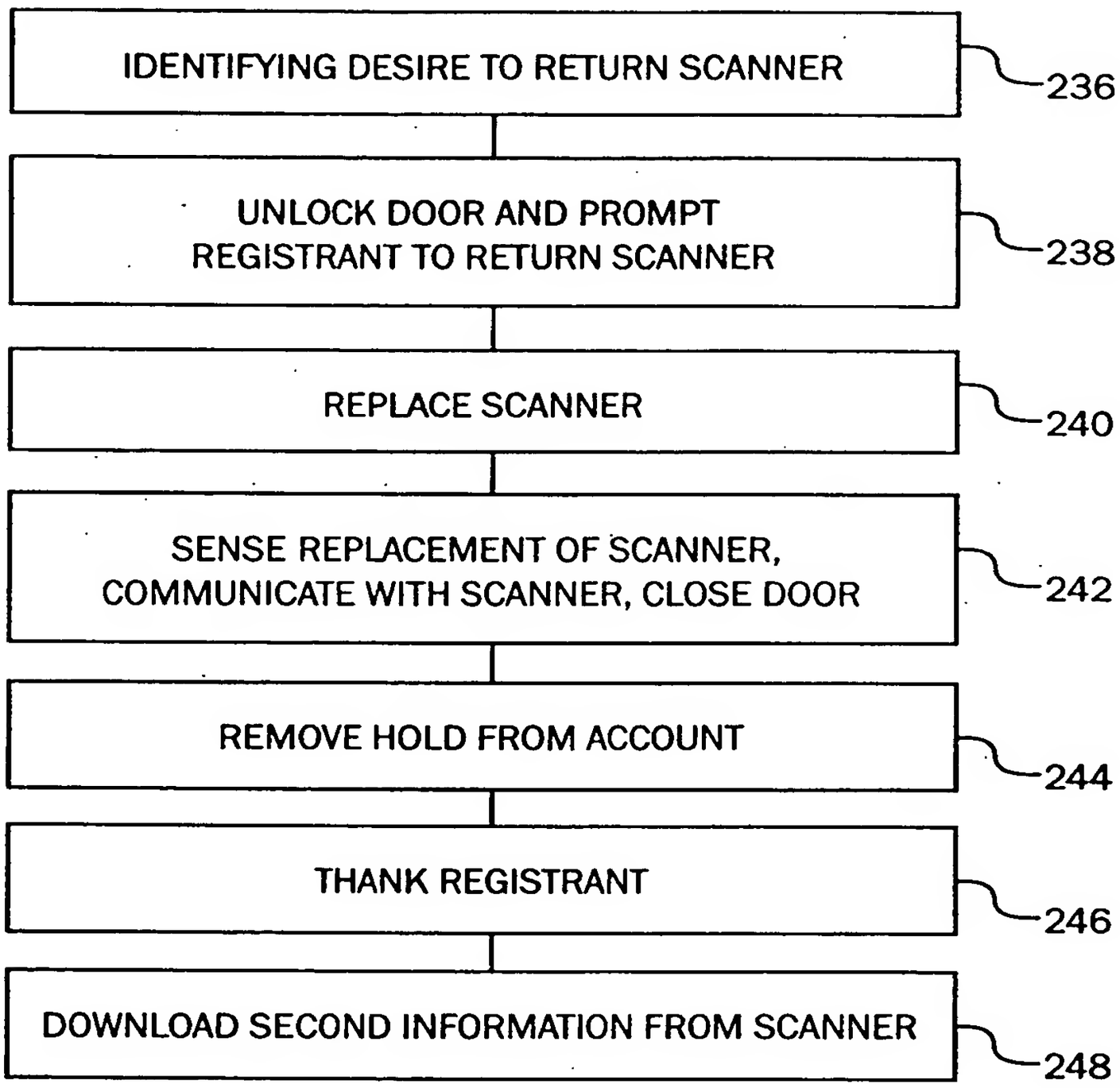

IDENTIFYING DESIRE TO RETURN SCANNER
236
UNLOCK DOOR AND PROMPT REGISTRANT TO RETURN SCANNER
238
REPLACE SCANNER
240
SENSE REPLACEMENT OF SCANNER, COMMUNICATE WITH SCANNER, CLOSE DOOR
242
REMOVE HOLD FROM ACCOUNT
244
THANK REGISTRANT
246
DOWNLOAD SECOND INFORMATION FROM SCANNER
248

Fig. 12B

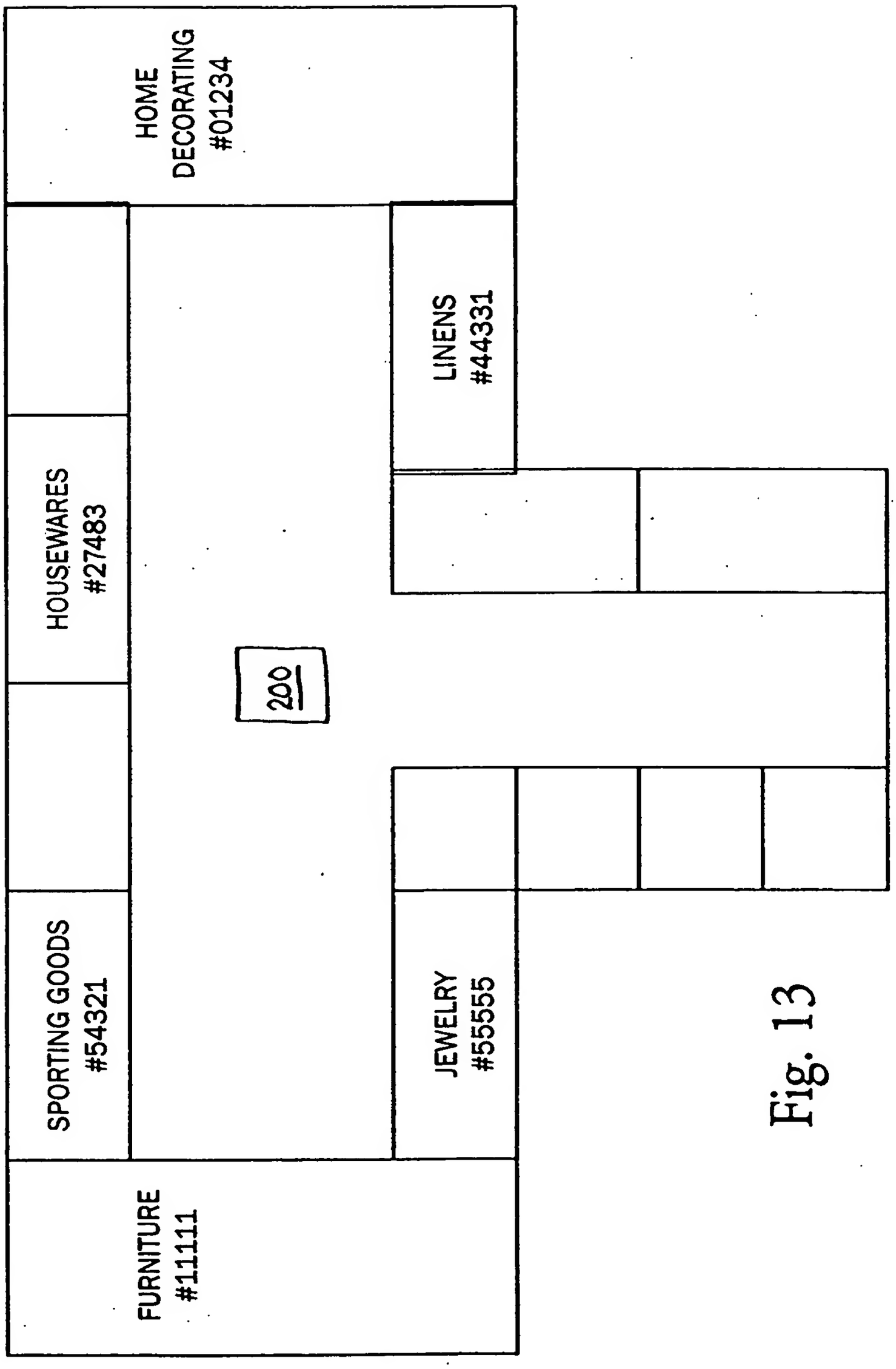

HOME DECORATING #01234
LINENS #44331
HOUSEWARES #27483
200
SPORTING GOODS #54321
JEWELRY #55555
FURNITURE #11111

Fig. 13

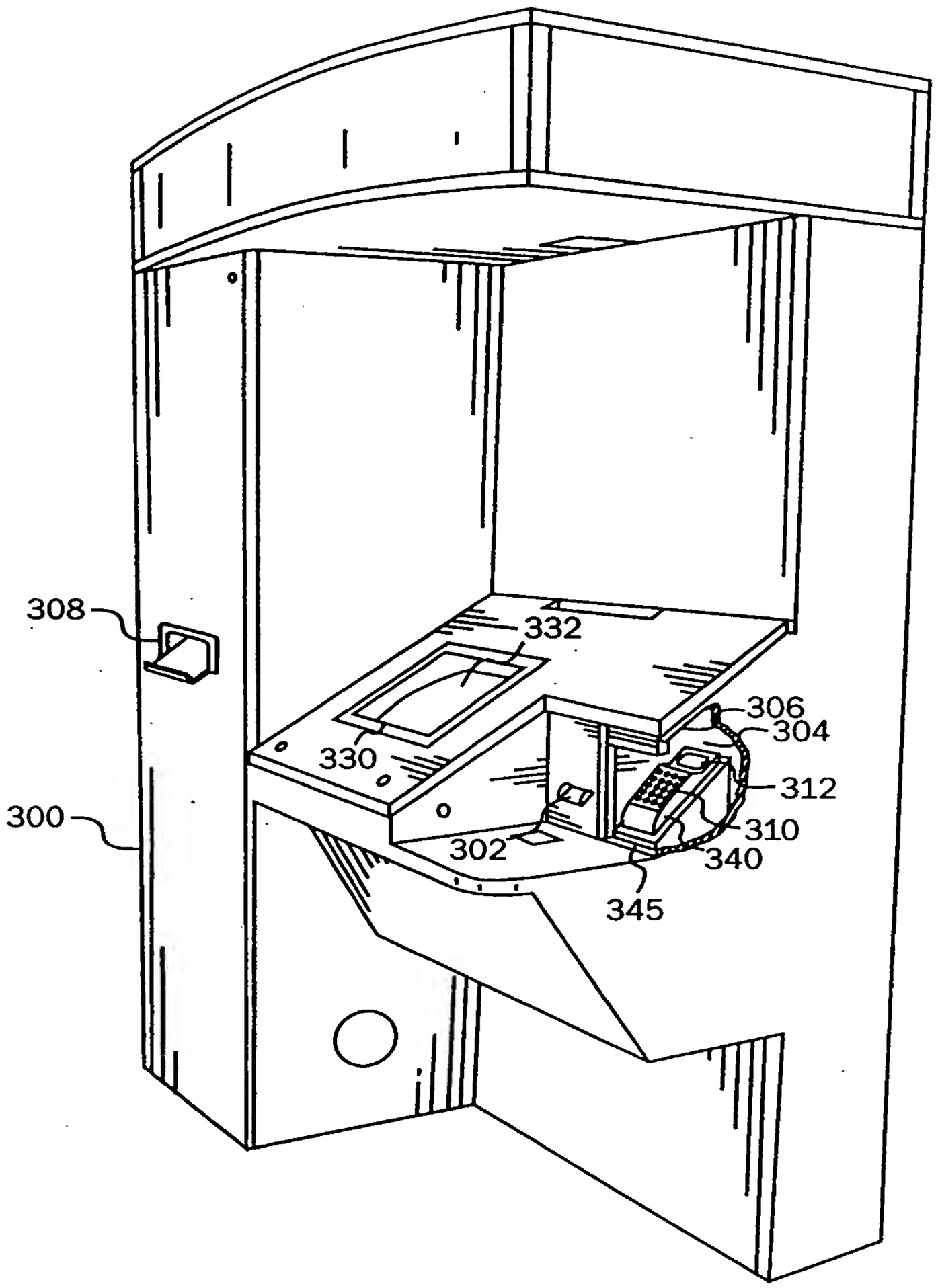


Fig. 14

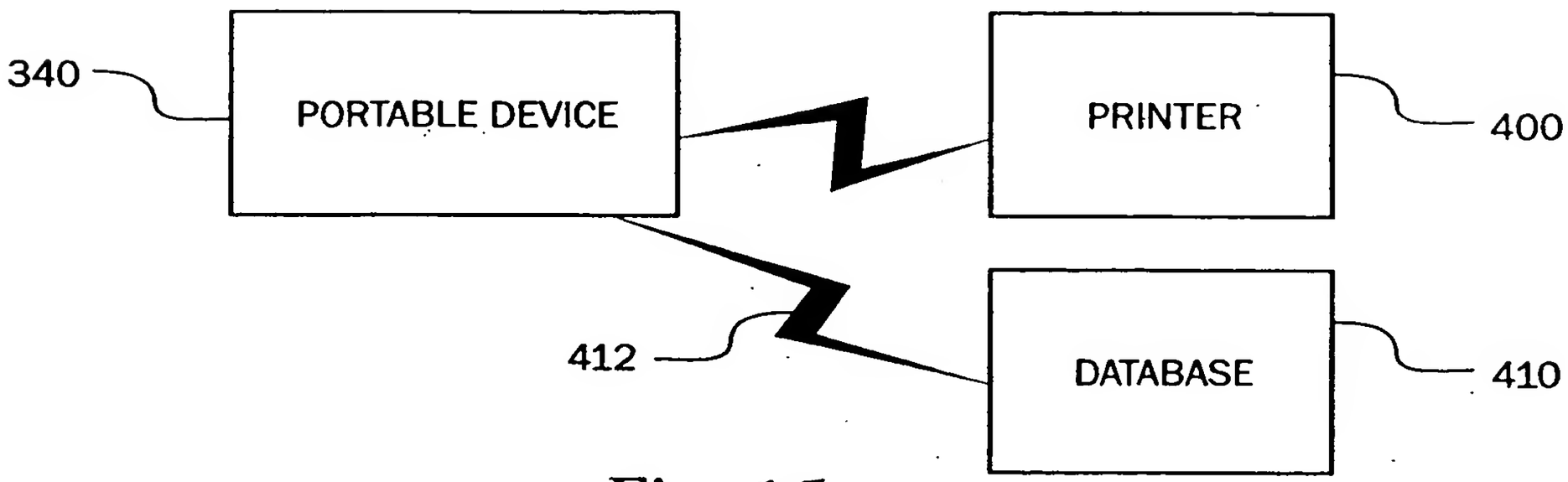

340
PORTABLE DEVICE
PRINTER
400
412
DATABASE
410

Fig. 15

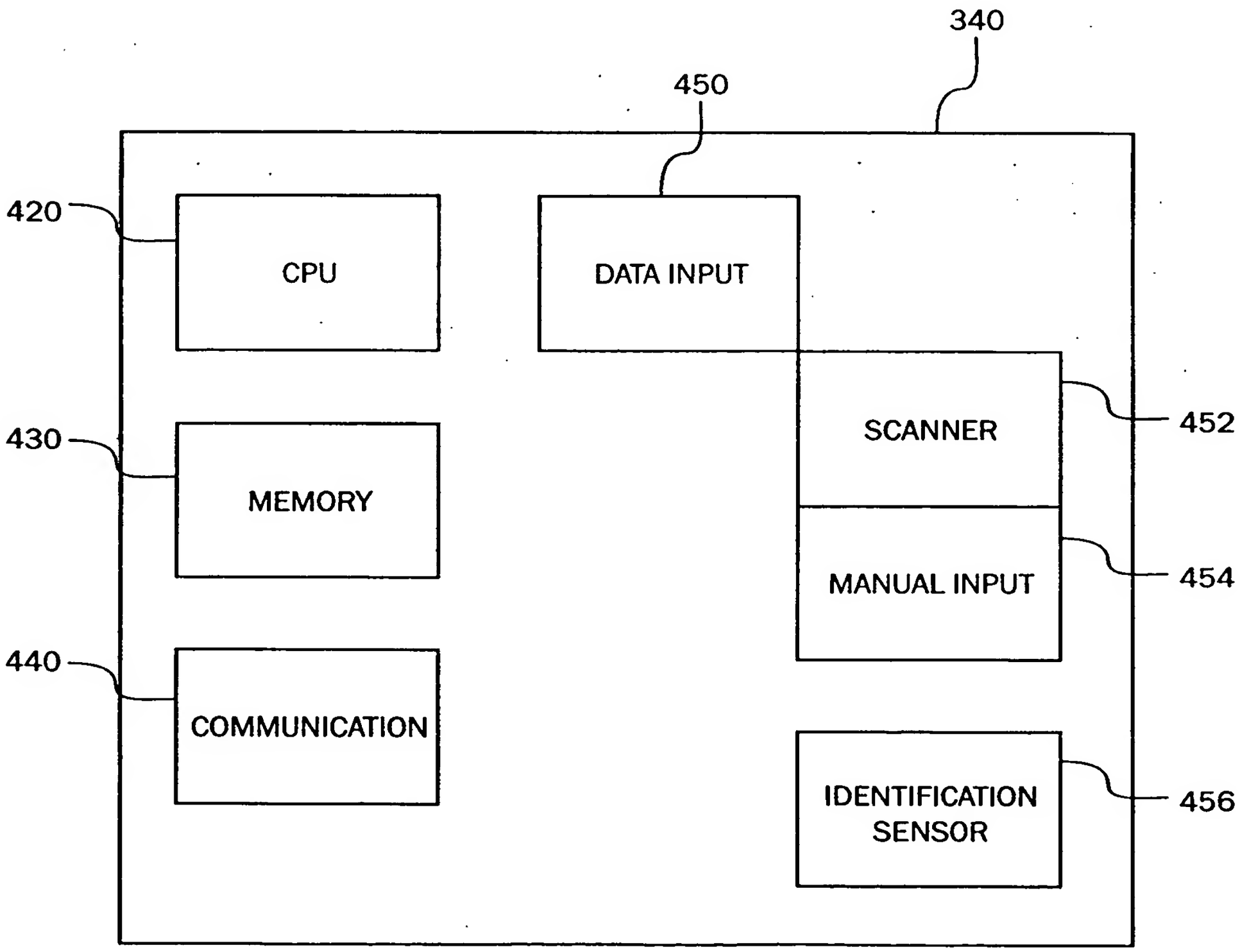

340
450
420
CPU
DATA INPUT
430
MEMORY
SCANNER
452
MANUAL INPUT
454
440
COMMUNICATION
IDENTIFICATION SENSOR
456

Fig. 16

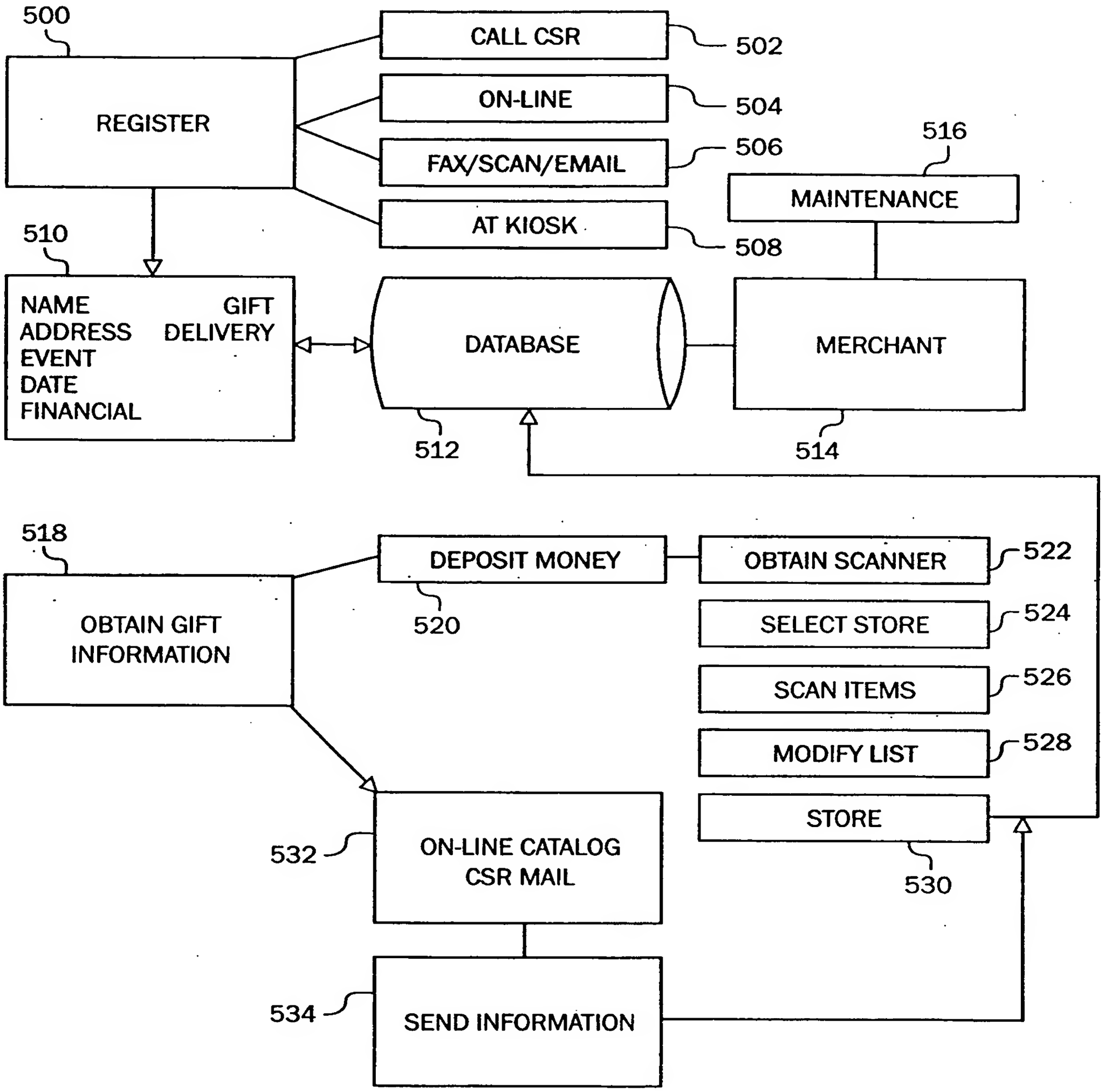

500
REGISTER
CALL CSR
502
ON-LINE
504
FAX/SCAN/EMAIL
506
AT KIOSK
508
516
MAINTENANCE
510
NAME
ADDRESS
EVENT
DATE
FINANCIAL
GIFT
DELIVERY
DATABASE
512
MERCHANT
514
518
OBTAIN GIFT
INFORMATION
DEPOSIT MONEY
520
OBTAIN SCANNER
522
SELECT STORE
524
SCAN ITEMS
526
MODIFY LIST
528
STORE
530
532
ON-LINE CATALOG
CSR MAIL
534
SEND INFORMATION

Fig. 17

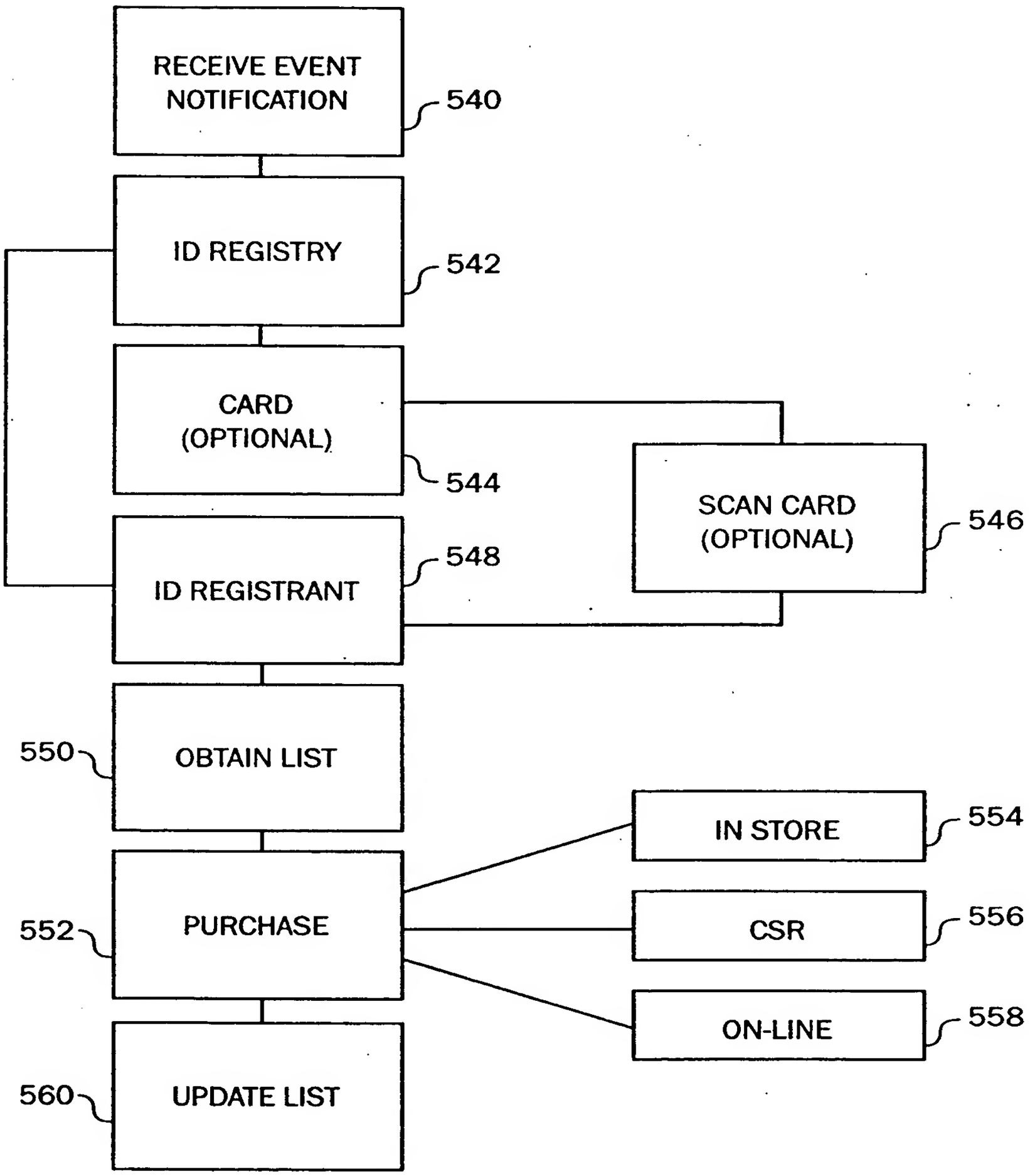

RECEIVE EVENT NOTIFICATION
540
ID REGISTRY
542
CARD (OPTIONAL)
544
SCAN CARD (OPTIONAL)
546
ID REGISTRANT
548
550
OBTAIN LIST
552
PURCHASE
IN STORE
554
CSR
556
ON-LINE
558
560
UPDATE LIST

Fig. 18

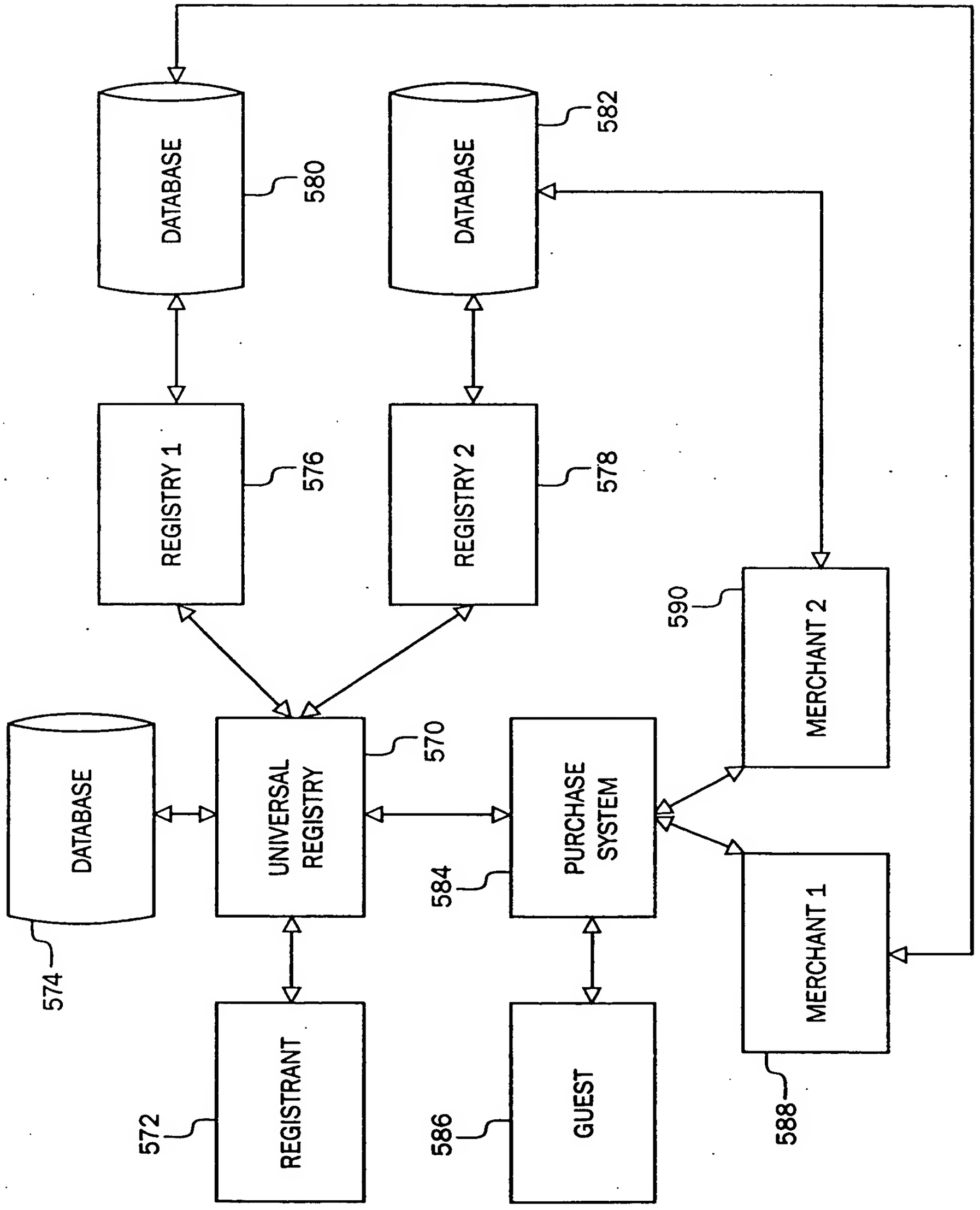

DATABASE
580
DATABASE
582
REGISTRY 1
576
REGISTRY 2
578
590
MERCHANT 2
DATABASE
574
UNIVERSAL REGISTRY
570
584
PURCHASE SYSTEM
MERCHANT 1
588
572
REGISTRANT
586
GUEST

Fig. 19

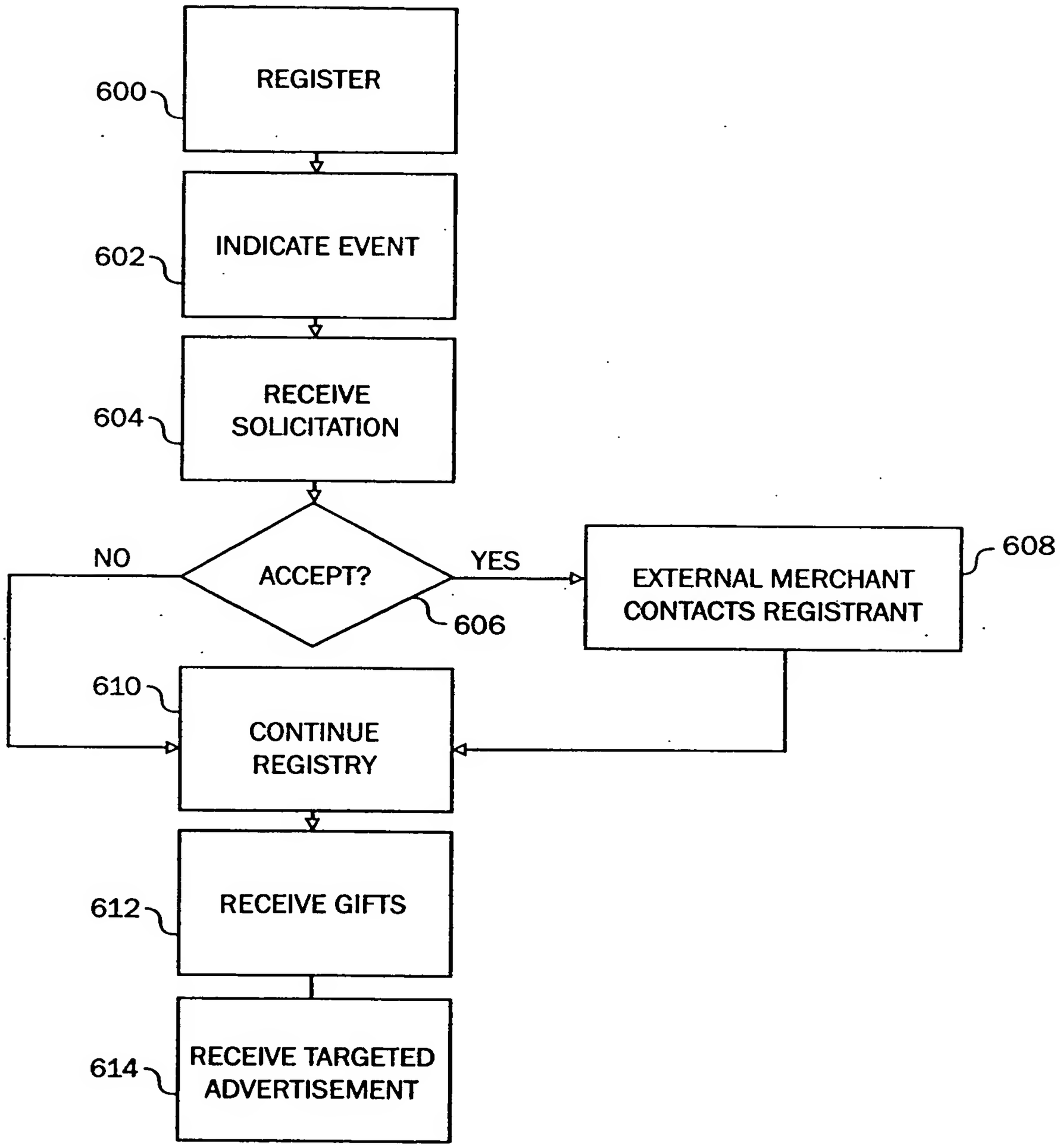

600
REGISTER
602
INDICATE EVENT
604
RECEIVE SOLICITATION
ACCEPT?
NO
YES
606
608
EXTERNAL MERCHANT CONTACTS REGISTRANT
610
CONTINUE REGISTRY
612
RECEIVE GIFTS
614
RECEIVE TARGETED ADVERTISEMENT

Fig. 20

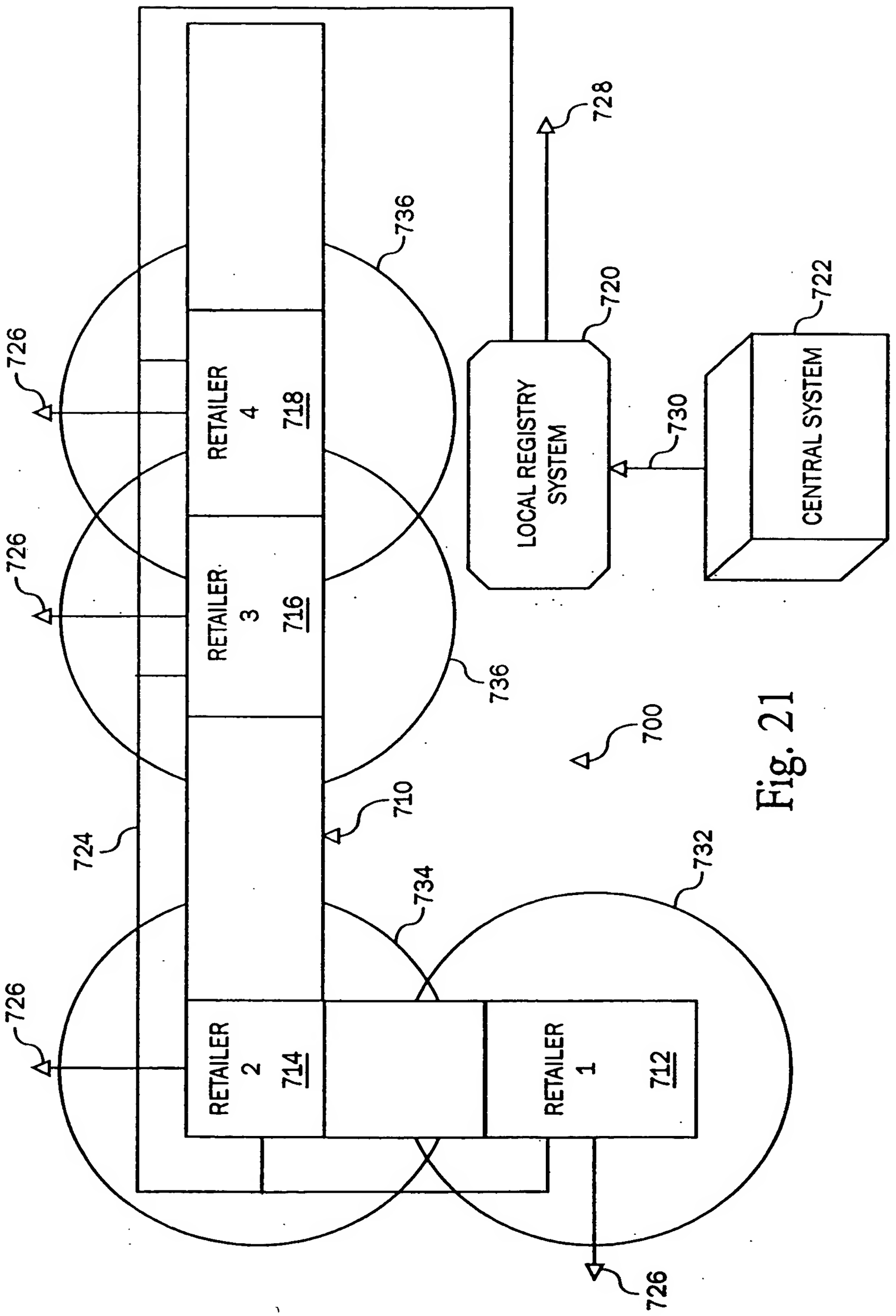

728
736
720
722
726
RETAILER 4 718
726
RETAILER 3 716
LOCAL REGISTRY SYSTEM
730
CENTRAL SYSTEM
736
700
710
724
732
734
726
RETAILER 2 714
RETAILER 1 712
726

Fig. 21

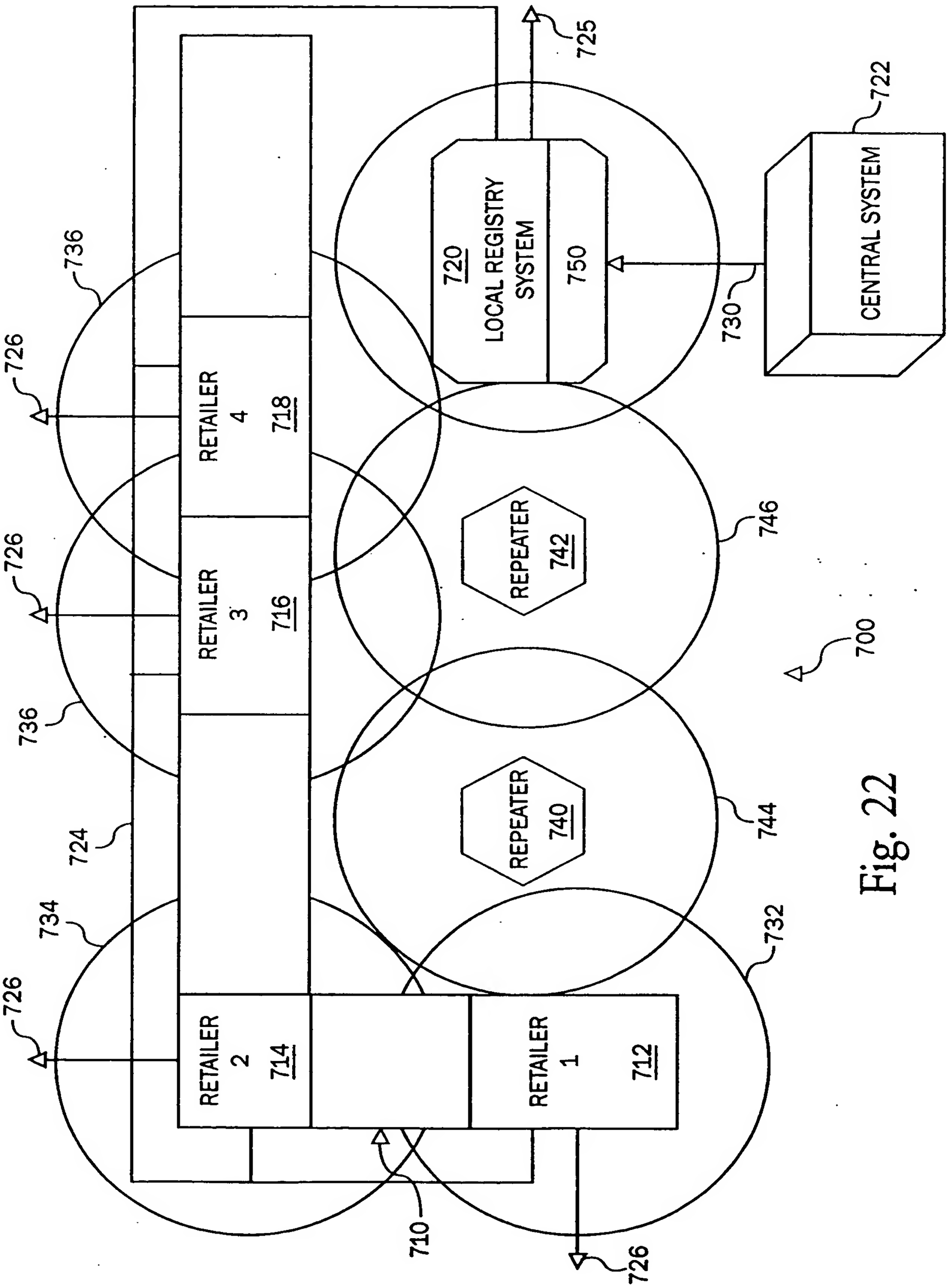

725
722
CENTRAL SYSTEM
730
720
LOCAL REGISTRY SYSTEM
750
736
726
RETAILER 4 718
726
RETAILER 3 716
REPEATER 742
746
736
724
REPEATER 740
744
734
732
726
RETAILER 2 714
RETAILER 1 712
710
726
700

Fig. 22

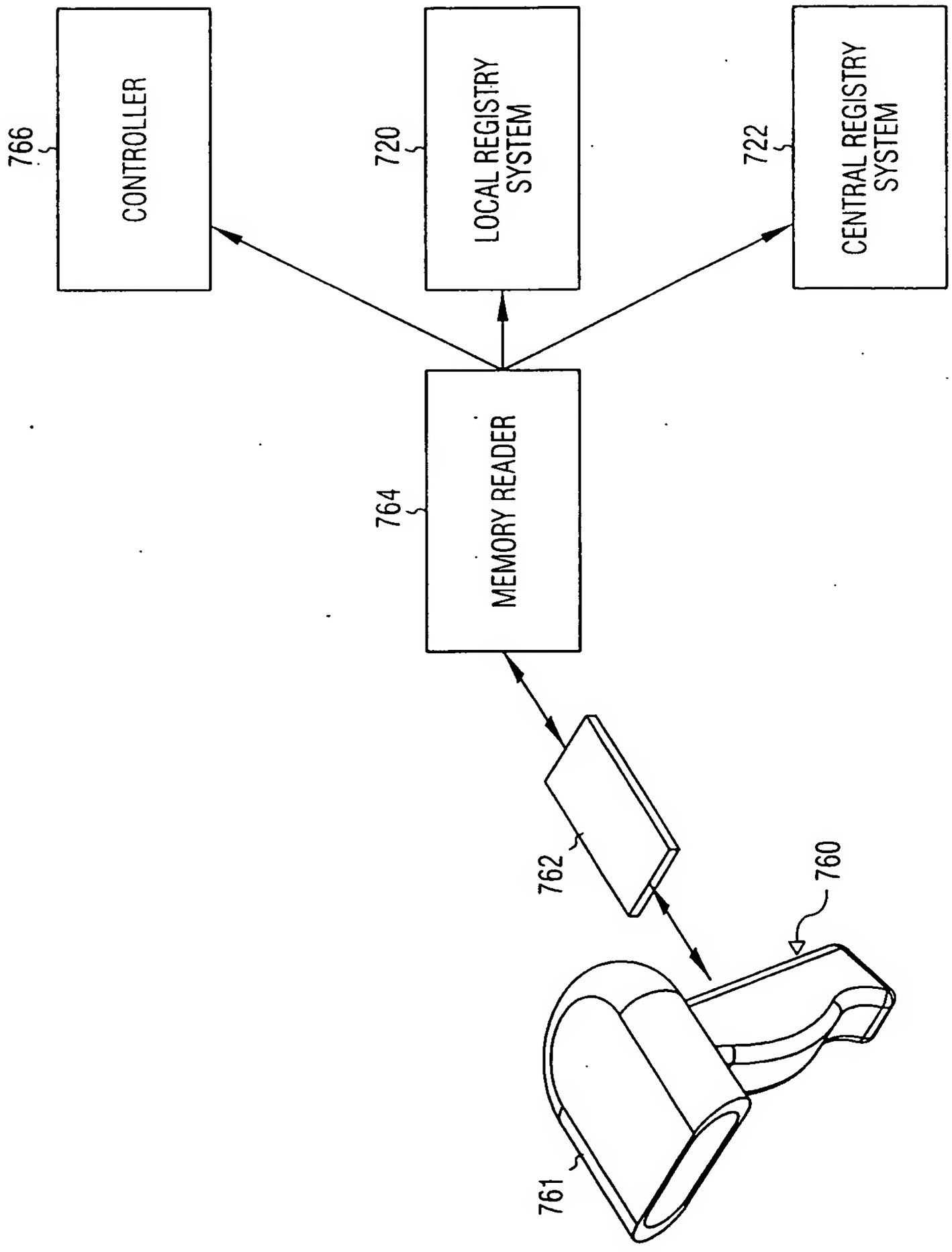

766
CONTROLLER
720
LOCAL REGISTRY SYSTEM
722
CENTRAL REGISTRY SYSTEM
764
MEMORY READER
762
760
761

Fig. 23

30/39

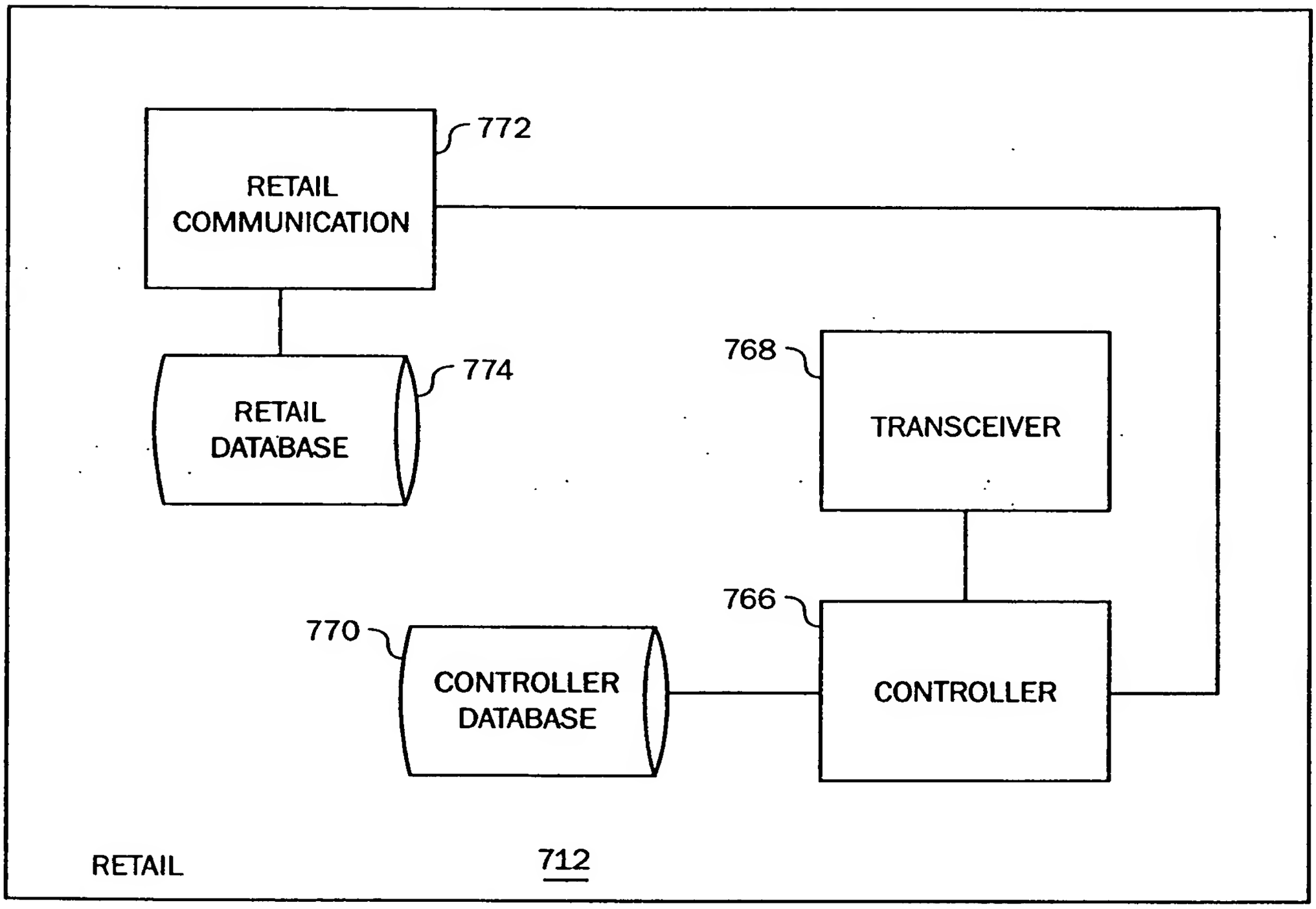

772
RETAIL COMMUNICATION
774
RETAIL DATABASE
768
TRANSCEIVER
766
770
CONTROLLER DATABASE
CONTROLLER
RETAIL
712

Fig. 24

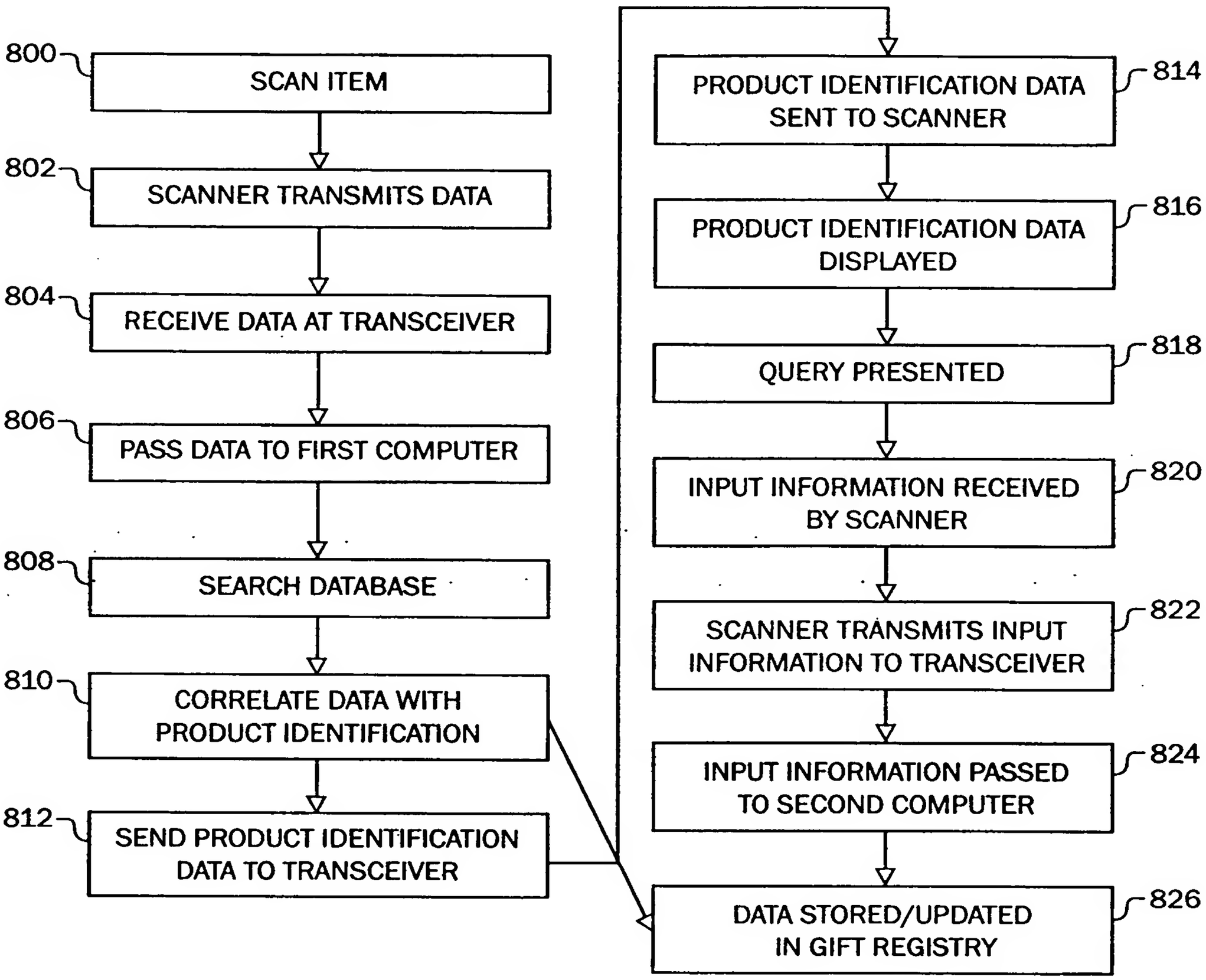

800
SCAN ITEM
802
SCANNER TRANSMITS DATA
804
RECEIVE DATA AT TRANSCEIVER
806
PASS DATA TO FIRST COMPUTER
808
SEARCH DATABASE
810
CORRELATE DATA WITH PRODUCT IDENTIFICATION
812
SEND PRODUCT IDENTIFICATION DATA TO TRANSCEIVER
814
PRODUCT IDENTIFICATION DATA SENT TO SCANNER
816
PRODUCT IDENTIFICATION DATA DISPLAYED
818
QUERY PRESENTED
820
INPUT INFORMATION RECEIVED BY SCANNER
822
SCANNER TRANSMITS INPUT INFORMATION TO TRANSCEIVER
824
INPUT INFORMATION PASSED TO SECOND COMPUTER
826
DATA STORED/UPDATED IN GIFT REGISTRY

Fig. 25

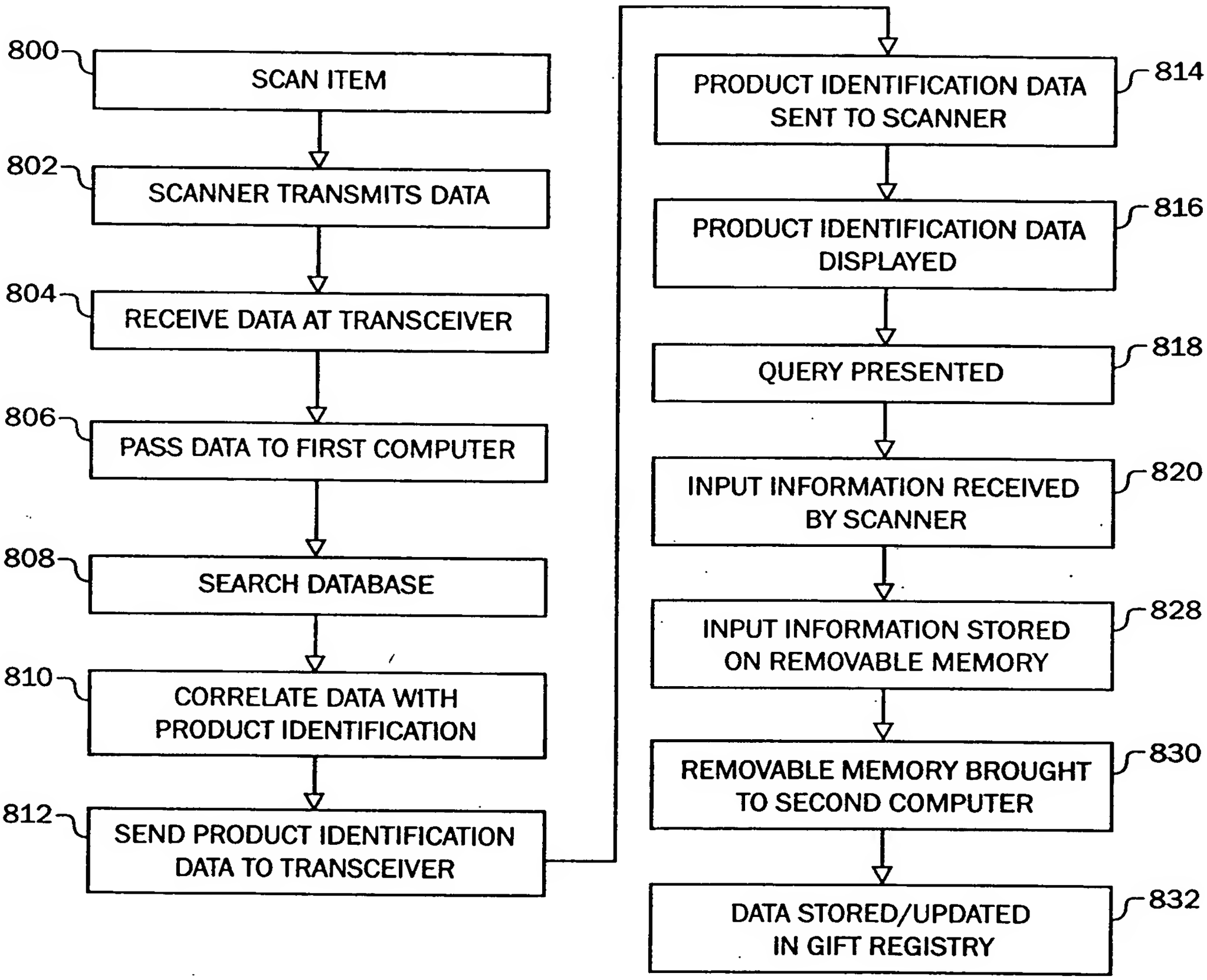

800
SCAN ITEM
802
SCANNER TRANSMITS DATA
804
RECEIVE DATA AT TRANSCEIVER
806
PASS DATA TO FIRST COMPUTER
808
SEARCH DATABASE
810
CORRELATE DATA WITH PRODUCT IDENTIFICATION
812
SEND PRODUCT IDENTIFICATION DATA TO TRANSCEIVER
814
PRODUCT IDENTIFICATION DATA SENT TO SCANNER
816
PRODUCT IDENTIFICATION DATA DISPLAYED
818
QUERY PRESENTED
820
INPUT INFORMATION RECEIVED BY SCANNER
828
INPUT INFORMATION STORED ON REMOVABLE MEMORY
830
REMOVABLE MEMORY BROUGHT TO SECOND COMPUTER
832
DATA STORED/UPDATED IN GIFT REGISTRY

Fig. 26

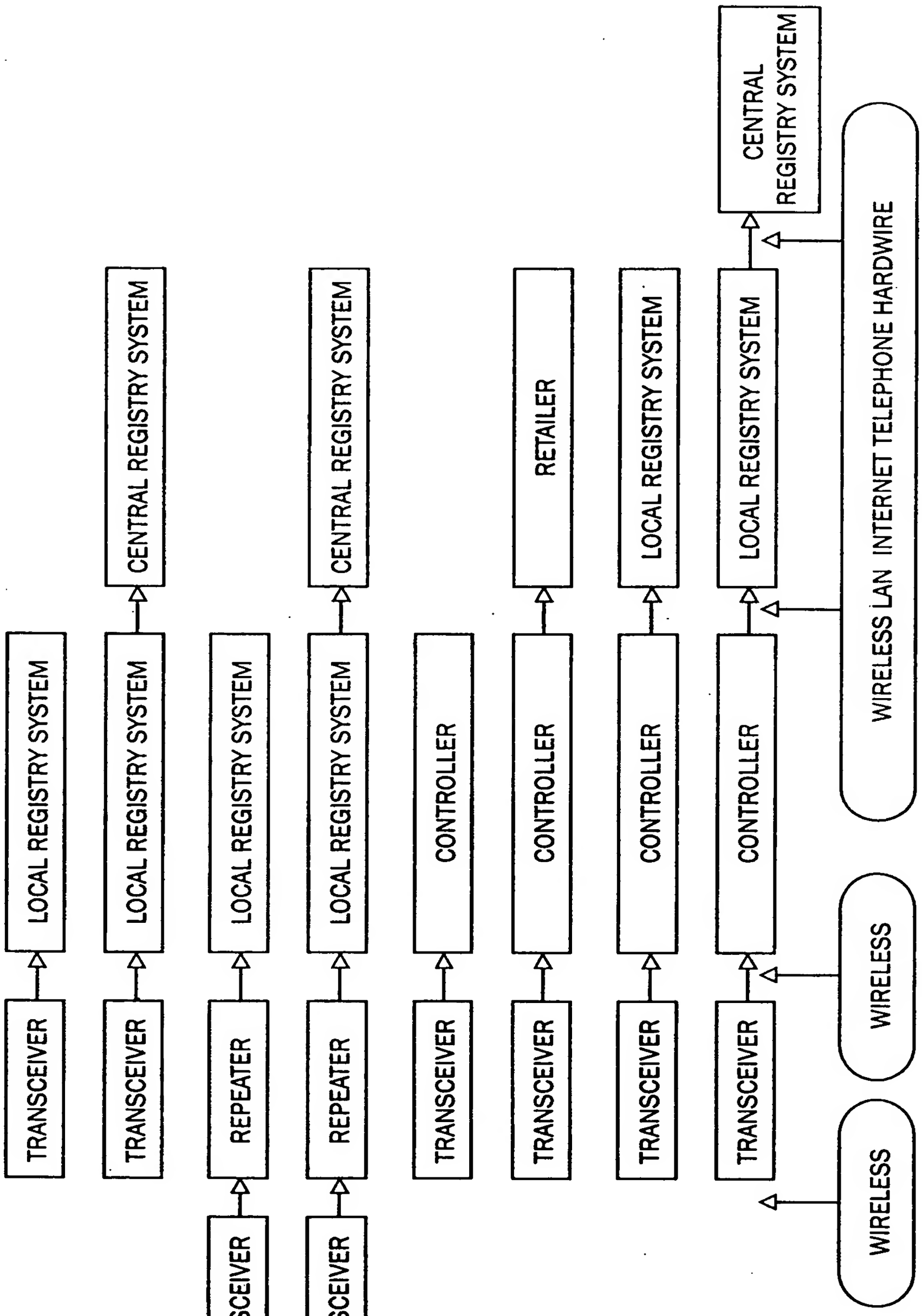

CENTRAL REGISTRY SYSTEM
WIRELESS LAN INTERNET TELEPHONE HARDWIRE
LOCAL REGISTRY SYSTEM
RETAILER
CONTROLLER
TRANSCEIVER
REPEATER
WIRELESS

Fig. 27

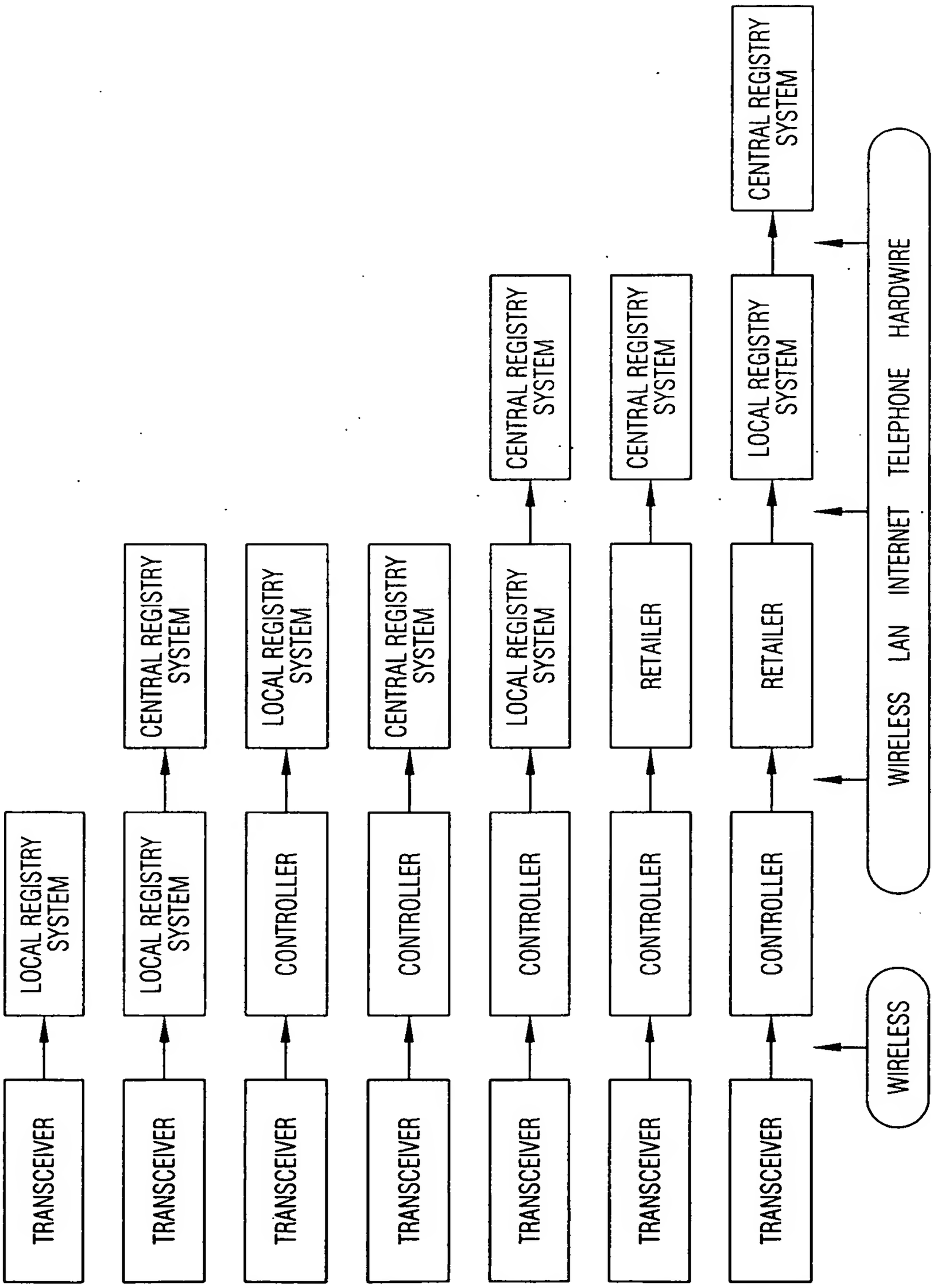

WIRELESS
TRANSCEIVER
LOCAL REGISTRY SYSTEM
CONTROLLER
RETAILER
CENTRAL REGISTRY SYSTEM
WIRELESS LAN
INTERNET
TELEPHONE
HARDWIRE

Fig. 28

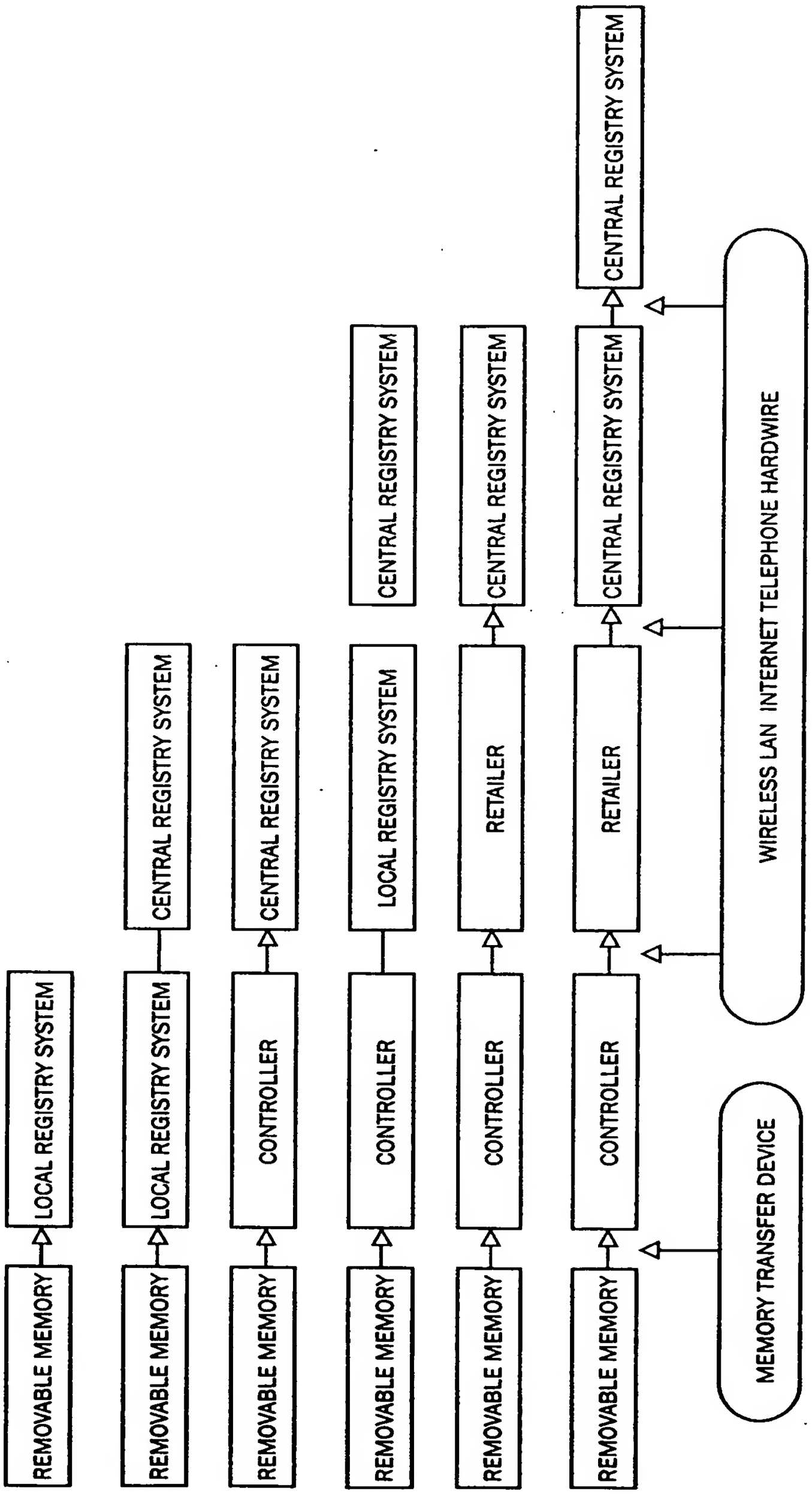

CENTRAL REGISTRY SYSTEM
CENTRAL REGISTRY SYSTEM
CENTRAL REGISTRY SYSTEM
CENTRAL REGISTRY SYSTEM
CENTRAL REGISTRY SYSTEM
LOCAL REGISTRY SYSTEM
RETAILER
RETAILER
WIRELESS LAN INTERNET TELEPHONE HARDWIRE
LOCAL REGISTRY SYSTEM
LOCAL REGISTRY SYSTEM
CONTROLLER
CONTROLLER
CONTROLLER
CONTROLLER
REMOVABLE MEMORY
REMOVABLE MEMORY
REMOVABLE MEMORY
REMOVABLE MEMORY
REMOVABLE MEMORY
REMOVABLE MEMORY
MEMORY TRANSFER DEVICE

Fig. 29

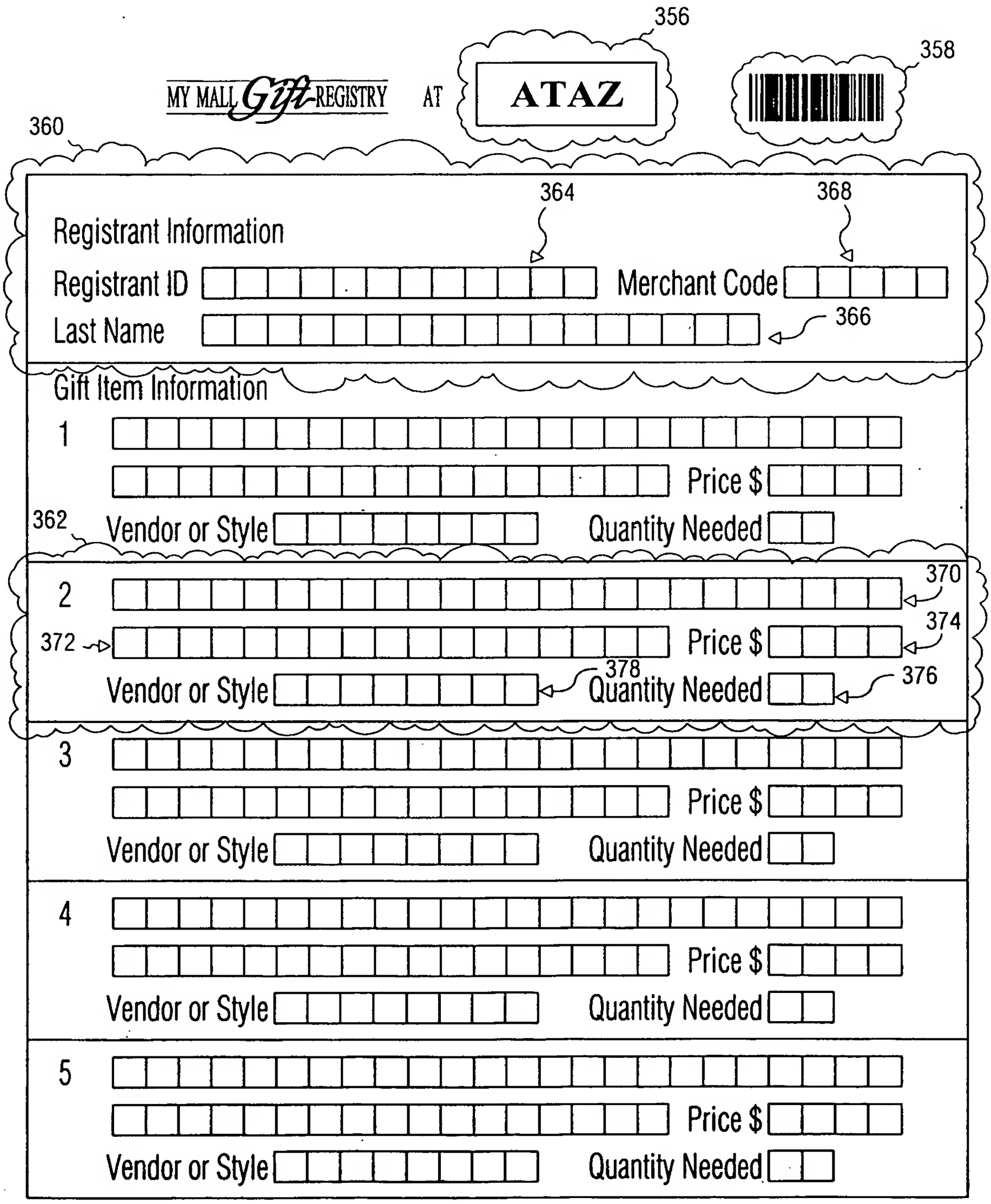

MY MALL Gift-REGISTRY
AT
ATAZ
356
358
360
364
368
Registrant Information
Registrant ID
Merchant Code
Last Name
366
Gift Item Information
1
Price $
362
Vendor or Style
Quantity Needed
2
370
372
374
Price $
Vendor or Style
378
Quantity Needed
376
3
Price $
Vendor or Style
Quantity Needed
4
Price $
Vendor or Style
Quantity Needed
5
Price $
Vendor or Style
Quantity Needed
Date : _____
Time: _____
Ref : _____

Fig. 30A

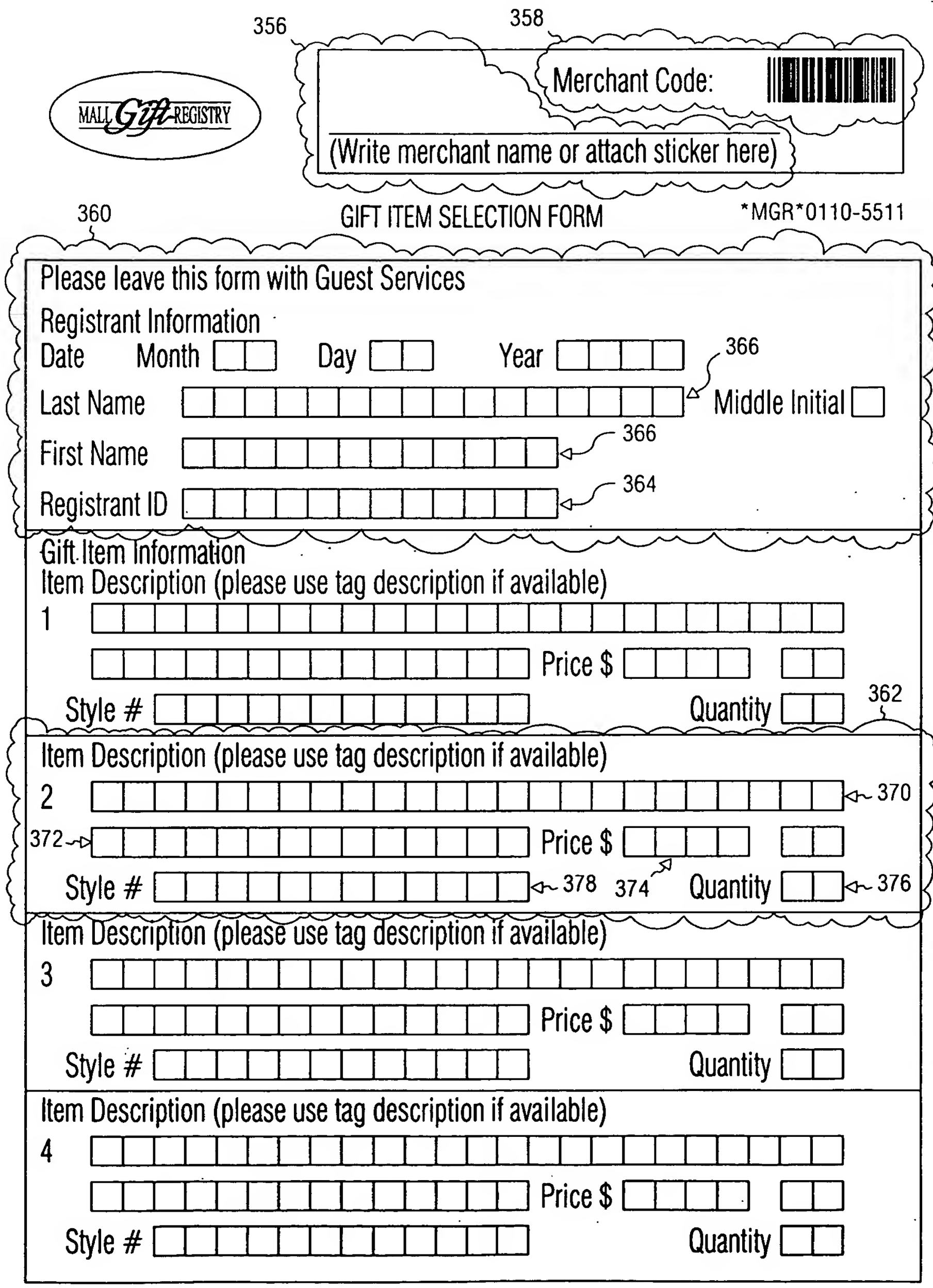

356
358
MALL Gift REGISTRY
Merchant Code:
(Write merchant name or attach sticker here)
360
GIFT ITEM SELECTION FORM
*MGR*0110-5511
Please leave this form with Guest Services
Registrant Information
Date Month
Day
Year
366
Last Name
Middle Initial
366
First Name
364
Registrant ID
Gift Item Information
Item Description (please use tag description if available)
1
Price $
Style #
Quantity
362
Item Description (please use tag description if available)
2
370
372
Price $
Style #
378
374
Quantity
376
Item Description (please use tag description if available)
3
Price $
Style #
Quantity
Item Description (please use tag description if available)
4
Price $
Style #
Quantity

Fig. 30B

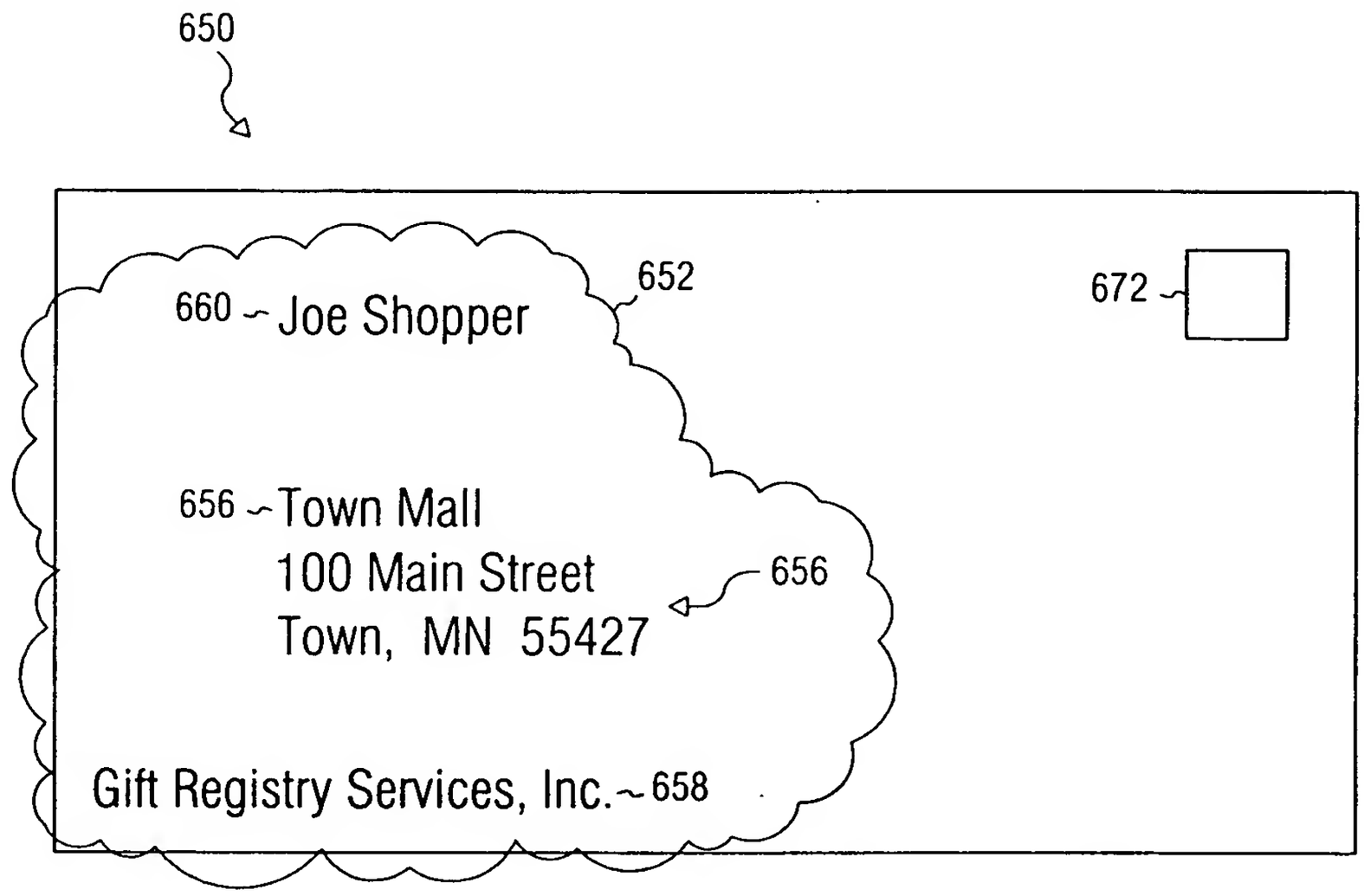

650
660 ~ Joe Shopper
652
672
656 ~ Town Mall
100 Main Street
Town, MN 55427
656
Gift Registry Services, Inc. ~ 658

Fig. 31

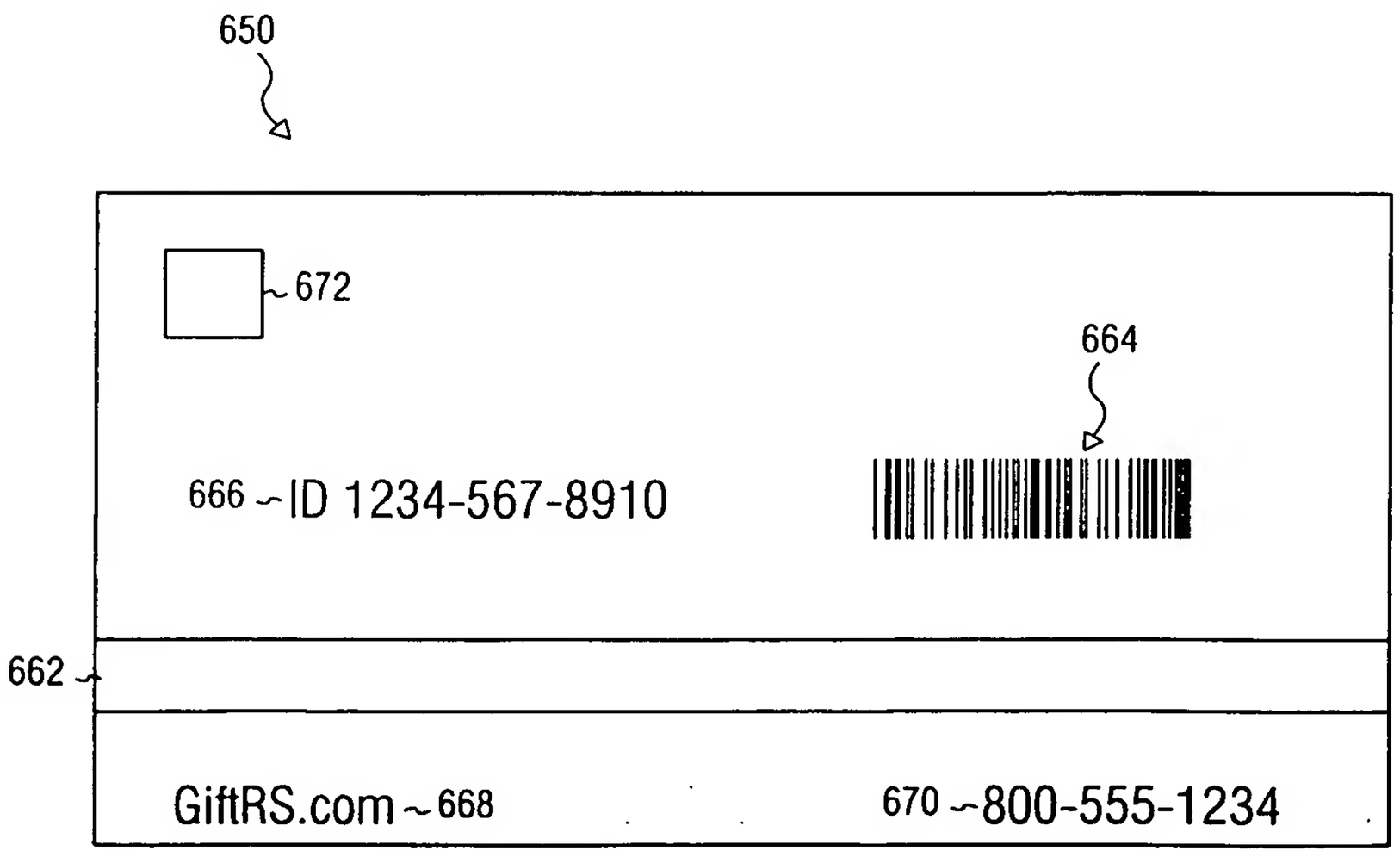

650
672
664
666 ~ ID 1234-567-8910
662
GiftRS.com ~ 668
670 ~ 800-555-1234

Fig. 32

MALL Gift REGISTRY

688 → *MGR*0110-5511 684 BARNES&NOBLE

GIFT CARD/CERTIFICATE SELECTION FORM

Please scan the corresponding barcode for each gift card or certificate dollar amount you would like to add to your gift registry.

UNLIMITED $		$250	
$25		$275	
$50		$300	
$75 ← 680		$325 ← 680	
$100 ← 682		$350 ← 682	
$125		$375	
$150		$400	
$200		$450	
$225		$500	

Thank you for registering with MallGiftRegistry℠ at Galleria, Edina. If you need assistance, contact our customer care operations at 612-332-6255 (MALL) or online at www.mallgiftregistry.com.

*Note maximum card amount $250

Gabberts CREATIVE KIDSTUFF SOX APPEAL BARNES&NOBLE Sidney's CHICO'S

Fig. 33